CONSTRUCTION NEWS

Engineering News-Record, April 9, 1925

Some of the Week's Large Projects

AMONG the announcements for the current week of proposals, bids desired and received and contracts awarded, are the following big jobs:

Proposed Work

Power development, Carrillon, Que., E. N. Roberts preparing plans for hydro-electric development, $50,000,000.

Hotel, Chicago, Ill., Shoreland Hotel Co. having plans prepared, $8,000,000.

Hotels, clubhouses, hospital, etc., Ensenda, Mexico, Bexar Development Co. having plans prepared, $5,000,000.

Roads, Uniontown, Pa., Fayette Co., improving roads, $2,500,000.

Office, New York, N. Y., Cedar-William St. Corp., having plans prepared, $2,500,000.

Power and irrigation, Manteca, Calif., South San Joaquin Irrigation Dist. plan dam, $2,200,000; power plant, $2,500,000.

Schools, Seattle, Wash., city having plans prepared, $2,250,000.

Hotel, Chicago, Ill., E. A. Berchert having plans prepared, $2,000,000.

Grain elevator, Buffalo, N. Y., Standard Milling Co., plans elevator, $2,000,000.

Bids Wanted On Big Jobs

Warehouse, Chicago, Ill., Hibbard, Spencer Bartlett Co., $4,000,000.

Exchange and office, Toledo, Ohio, Ohio Bell Telephone Co. takes bids April 18, $2,000,000.

Theatre and office, San Antonio, Tex., J. Oppenheimer takes bids about May 1, $1,500,000.

Hotel and apartment, Oklahoma City, Okla., G. L. Miller & Co. soon take bids, $1,250,000.

Plant, Canton, Md., Gold Dust Corp., $1,000,000.

Large Contracts Let During Week

Power plant, Fresno, Calif., San Joaquin Light & Power Co. will build power plant, tunnel and transmission line, $4,500,000.

Theatre, Detroit, Mich., Detroit Metropolitan Corp to Lundoff-Bicknell Co., Cleveland, O., $4,000,000.

Railway improvement, Ohio, Pennsylvania R.R. for improvements under four contracts, $4,000,000.

Apartment, Cincinnati, O., C. P. Taft to Ohio Building and Constr. Co., $2,000,000.

Grain elevator, Buffalo, N. Y., Washburn-Crosby Co. to Folwell-Ahlskog Co., $1,000,000.

Bank, Boston, Mass., Five Cent Savings Bank to W. A. & H. A. Root, $1,000,000.

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
Apr. 10	Needham, Mass.	Apr. 9
Apr. 11	Locust Valley, N. Y. Adv. Apr. 2 and 9.	Apr. 2
Apr. 11	Oyster Bay, N. Y.	Apr. 2
Apr. 13	Bellingham, Wash.	Mar. 12
Apr. 13	Menomonee Falls, Wis.	Apr. 9
Apr. 14	Milwaukee, Wis.	Apr. 9
Apr. 14	Spartanburg, S. C.	Mar. 5
Apr. 14	Garfield Heights (Cleveland P. O.), O.	Apr. 9
Apr. 14	Wisconsin Rapids, Wis.	Mar. 19
Apr. 14	Framingham, Mass.	Apr. 2
Apr. 14	New York, N. Y.	Apr. 9
Apr. 15	Manawa, Wis.	Apr. 2
Apr. 15	Apex, N. C.	Mar. 19
Apr. 15	Cleveland, O.	Apr. 9
Apr. 16	Steele, Mo.	Apr. 9
Apr. 17	Fulton, N. Y. Adv. Apr. 9.	Apr. 9
Apr. 21	Mt. Union, Pa.	Apr. 9
Apr. 23	Boston, Mass. Adv. Apr. 9.	Apr. 9
Apr. 27	Towson, Md. Adv. Apr. 2 and 9.	Apr. 2
Apr. 28	Churchpoint, La.	Apr. 9
Apr. 28	High Point, N. C. Adv. Apr. 9.	Apr. 9
May 11	Tallahassee, Fla. Adv. Apr. 9.	Apr. 9

SEWERS

Apr. 10	Boston, Mass.	Apr. 2
Apr. 10	Trenton, N. J.	Mar. 26
Apr. 10	Dyer, Tenn.	Apr. 2
Apr. 13	Boston, Mass.	Apr. 2
Apr. 13	Providence, R. I.	Apr. 9
Apr. 14	Boston, Mass.	Apr. 2
Apr. 15	San Francisco, Calif.	Apr. 9
Apr. 15	Glasgow, Ky.	Mar. 26
Apr. 15	Wash., D. C. Adv. Apr. 9.	Apr. 9
Apr. 16	Columbus City, Ind.	Apr. 9
Apr. 16	Cleveland, O.	Apr. 9
Apr. 17	Flint, Mich.	Mar. 26
Apr. 17	Blue Island, Ill. Adv. Apr. 9.	Apr. 9
Apr. 20	Dayton, O. Adv. Apr. 9.	Apr. 9
Apr. 21	Westwood, N. J. Adv. Mar. 26 to Apr. 9.	Mar. 26
Apr. 22	Downers Grove, Ill. Adv. Apr. 9.	Apr. 9
Apr. 22	Grand Rapids, Mich.	Apr. 2
Apr. 28	Tampa, Fla.	Apr. 9
Apr. 29	East Chicago, Ill. Adv. Apr. 9.	Apr. 9

BRIDGES

Apr. 12	New Haven, Conn.	Apr. 2
Apr. 13	California	Apr. 2
Apr. 13	Newton, Kan.	Apr. 9
Apr. 14	Waukesha, Wis.	Apr. 9
Apr. 14	Big Piney, Wyo.	Apr. 9
Apr. 15	Phila., Pa. Adv. Mar. 26 to Apr. 9.	Mar. 26
Apr. 15	Hollidaysburg, Pa.	Apr. 9
Apr. 17	Dayton, O. Adv. Mar. 26 to Apr. 9.	Mar. 26
Apr. 20	California	Apr. 9
Apr. 21	Detroit, Mich.	Mar. 26
Apr. 23	Charleston, S. C.	Apr. 2
Apr. 24	Tennessee	Apr. 9
Apr. 24	Indiana	Apr. 9
Apr. 24	Georgia	Apr. 9
Apr. 27	Waco, Tex.	Apr. 9
May 1	Dayton, O. Adv. Apr. 9.	Apr. 9

RAILWAYS

Apr. 13	Massachusetts	Apr. 9
May 7	New Jersey Adv. Apr. 2 and 9.	Apr. 2

EXCAVATION, DRAINAGE IRRIGATION, LEVEES

Apr. 16	New York Adv. Mar. 26 to Apr. 9.	Mar. 26
Apr. 17	New York Adv. Mar. 26 to Apr. 9.	Mar. 26
Apr. 18	New York Adv. Mar. 26 to Apr. 9.	Mar. 26
Apr. 27	Leesburg, Fla. Adv. Mar. 12 to Apr. 9.	Mar. 12
May 1	Henderson, Ky.	Apr. 9

STREETS AND ROADS

Apr. 10	Terre Haute, Ind.	Apr. 9
Apr. 12	New York, N. Y.	Apr. 9
Apr. 13	Fall City, Neb.	Apr. 9
Apr. 13	New Jersey	Apr. 2
Apr. 14	Maryland Adv. Apr. 2 and 9.	Apr. 2
Apr. 14	Marion, Ia	Mar. 19
Apr. 14	Norman, Okla.	Mar. 26
Apr. 14	St. Louis, Mo.	Mar. 26
Apr. 14	Louisiana	Mar. 26
Apr. 14	Columbus, Miss.	Mar. 26
Apr. 14	Virginia	Apr. 2
Apr. 14	Indianapolis, Ind.	Apr. 2
Apr. 14	Wabasha, Minn.	Apr. 2
Apr. 14	Indiana	Apr. 2
Apr. 14	West View, Pa.	Apr. 2
Apr. 14	Maryland Adv. Apr. 9.	Apr. 9
Apr. 14	Garfield Heights (Cleveland P. O.), O.	Apr. 9
Apr. 14	Massachusetts	Apr. 9
Apr. 14	Indianapolis, Ind.	Apr. 9
Apr. 14	St. George, N. Y.	Apr. 9
Apr. 14	Long Island City, N. Y.	Apr. 9
Apr. 14	Wyoming	Apr. 9
Apr. 14	Kenosha, Wis.	Apr. 9
Apr. 14	St. Paul, Minn.	Apr. 9
Apr. 14	Kenilworth, Ill.	Apr. 9
Apr. 15	Arkansas	Apr. 9
Apr. 15	Denver, Colo.	Apr. 9
Apr. 15	Minneapolis, Minn.	Apr. 9
Apr. 15	Baltimore, Md.	Apr. 9
Apr. 15	St. George, N. Y.	Apr. 9
Apr. 15	Indiana	Apr. 9
Apr. 15	Newton, N. J. Adv. Apr. 2 and 9.	Apr. 2
Apr. 15	Clayton, Mo.	Apr. 9
Apr. 15	Alabama	Apr. 9
Apr. 15	Iowa City, Ia.	Apr. 9
Apr. 15	Wisconsin	Apr. 9
Apr. 16	Wisconsin	Apr. 9
Apr. 16	New York, N. Y.	Apr. 9
Apr. 16	Brooklyn, N. Y.	Apr. 9
Apr. 16	Mansfield, O.	Apr. 9
Apr. 16	Indiana	Apr. 9
Apr. 16	Denver, Colo.	Apr. 9
Apr. 17	Denver, Colo.	Apr. 9
Apr. 17	Cincinnati, O.	Apr. 9
Apr. 17	Quebec	Apr. 9
Apr. 17	Middletown, N. Y. Adv. Apr. 2 and 9.	Apr. 2
Apr. 17	Karnes City, Tex.	Apr. 2
Apr. 17	Neshanic, N. J.	Apr. 2
Apr. 18	Pennsylvania Adv. Mar. 26 to Apr. 9.	Mar. 26
Apr. 18	Cleveland, O.	Apr. 9
Apr. 20	Cleveland, O.	Apr. 9
Apr. 20	Johnstown, N. Y. Adv. Apr. 9.	Apr. 9
Apr. 20	Ontario	Apr. 9
Apr. 20	Plainfield, N. J. Adv. Apr. 2 and 9.	Apr. 2
Apr. 20	Benson, Minn.	Apr. 9
Apr. 20	New Jersey Adv. Apr. 2 and 9.	Apr. 9
Apr. 20	California	Apr. 9
Apr. 20	Seattle, Wash.	Apr. 9
Apr. 20	San Diego, Calif.	Apr. 9
Apr. 21	Indiana	Apr. 9
Apr. 21	Buffalo, Minn.	Apr. 9
Apr. 21	Maryland Adv. Apr. 9.	Apr. 9
Apr. 21	Menasha, Wis.	Mar. 26
Apr. 21	Kentucky	Apr. 2
Apr. 21	Gloversville, N. Y. Adv. Apr. 9.	Apr. 9
Apr. 22	Miami Beach, Fla. Adv. Mar. 26 to Apr. 9.	Mar. 26
Apr. 22	Delaware Adv. Apr. 2.	Apr. 2
Apr. 24	Americus, Ga.	Apr. 9
Apr. 24	Angleton, Tex.	Apr. 9
Apr. 24	New York, N. Y. Adv. Apr. 9.	Apr. 9
Apr. 24	Memphis, Tex.	Apr. 9
Apr. 24	Tennessee	Apr. 9
Apr. 24	Georgia	Apr. 9
Apr. 24	Madison, Wis.	Apr. 9

Bids Close		See Eng. News-Record
Apr. 27	Seattle, Wash.	Apr. 9
Apr. 27	San Augustine, Tex.	Apr. 9
Apr. 27	Monmouth Beach, N. J.	Apr. 9
Apr. 27	New Jersey Adv. Apr. 9.	Apr. 9
Apr. 29	Providence, R. I. Adv. Apr. 9.	Apr. 9
Apr. 29	Cape May, N. J. Adv. Apr. 9.	Apr. 9
May 1	Birmingham, Ala.	Apr. 9
May 13	Alabama	Apr. 9
May 15	Duluth, Minn.	Apr. 9
June 1	Duluth, Minn.	Mar. 12
June 10	Duluth, Minn.	Apr. 9

BUILDINGS—INDUSTRIAL

Apr. 13	McDonald, Pa.	Apr. 2
Apr. 15	Iron River, Wis.	Apr. 9
Apr. 15	Canton (Baltimore P. O.), Md.	Apr. 9

BUILDINGS—COMMERCIAL

Apr. 10	Boston, Mass.	Mar. 26
Apr. 13	McKeesport, Pa.	Apr. 2
Apr. 14	Phila., Pa.	Apr. 2
Apr. 14	Franklin, Neb.	Apr. 2
Apr. 14	Los Angeles, Calif.	Apr. 9
Apr. 14	Raleigh, N. C.	Apr. 9
Apr. 14	Baltimore, Md.	Apr. 9
Apr. 16	St. Paul, Minn.	Apr. 9
Apr. 20	Minneapolis, Minn.	Mar. 19
Apr. 23	Taylor, Pa.	Mar. 26
Apr. 28	Lincoln, Neb.	Apr. 2
May 1	Johnstown, Pa.	Mar. 19
May 7	San Antonio, Tex.	Mar. 26
July 14	Phila., Pa.	Feb. 19

BUILDINGS—EDUCATIONAL, RELIGIOUS

Apr. 11	Phila., Pa.	Apr. 9
Apr. 13	Harrisburg, Pa.	Mar. 19
Apr. 13	Harrisburg, Pa.	Mar. 26
Apr. 13	Phila., Pa.	Apr. 9
Apr. 15	Los Angeles, Calif.	Apr. 9
Apr. 15	Southington, Conn.	Apr. 9
Apr. 16	Racine, Wis.	Apr. 2
Apr. 16	Buffalo, N. Y.	Apr. 9
Apr. 17	Roxbury (Boston P. O.), Mass.	Apr. 2
Apr. 17	Hannibal, Mo.	Apr. 9
Apr. 20	Norwood, O.	Apr. 9
Apr. 20	Pasadena, Calif.	Apr. 2
Apr. 22	San Francisco, Calif.	Apr. 2
Apr. 22	Lincoln, Neb.	Apr. 9
Apr. 23	Lincoln, Neb.	Apr. 9

FEDERAL GOVERNMENT WORK

Apr. 10	Cement—Louisville, Ky. Adv. Mar. 12, 19, 26 and Apr. 9.	Mar. 12
Apr. 11	Valves—Florence, Ala. Adv. Apr. 2 and 9.	Apr. 2
Apr. 14	Tug—Milwaukee, Wis. Adv. Mar. 19 to Apr. 9.	Mar. 19
Apr. 15	Water Tank—Guantanamo Bay, Cuba	Mar. 12
Apr. 15	Removing Wreck—Norfolk, Va.	Mar. 19
Apr. 15	Post Office—Amherst, Mass.	Mar. 26
Apr. 15	Garage—Point St. George, Calif.	Mar. 26
Apr. 15	Roads-Nevada	Apr. 9
Apr. 16	Repairs—Governors Island, (Br. New York), N. Y.	Mar. 26
Apr. 16	Lime—Louisville, Ky. Adv. Mar. 19, 26 and Apr. 9.	Mar. 19
Apr. 20	Paving—Mare Island, Calif.	Apr. 9
Apr. 21	Recreation—Northampton, Mass. Adv. Mar. 26 to Apr. 9.	Mar. 26
Apr. 22	Repairs—New York City, N. Y. Adv. Apr. 9.	Apr. 9
Apr. 23	Repairs to Seawall-Governors Island (Br. New York), N.Y. Adv. Apr. 9.	Apr. 9
Apr. 28	Earthwork — St. Louis, Mo. Adv. Apr. 2 and 9.	Apr. 2
Apr. 28	Post Office—Russellville, Ark.	Apr. 9
Apr. 29	Metal Work—Louisville, Ky.	Apr. 9
Apr. 29	Paving — Pearl Harbor — H. T.	Apr. 9
Apr. 29	Power Line—Galveston, Tex.	Apr. 9
Apr. 29	Bridge—Great Lake, Ill.	Apr. 9
Apr. 30	Borings—Detroit, Mich. Adv. Apr. 2 and 9.	Apr. 2
Apr. 30	Steel Barges—Milwaukee, Wis. Adv. Apr. 2 and 9.	Apr. 2
Apr. 30	Dredging—Detroit, Mich. Adv. Apr. 2 and 9.	Apr. 9
Apr. 30	Borings—Detroit, Mich. Adv. Apr. 2 and 9.	Apr. 9
May 1	Dredging — Providence, R. I. Adv. Apr. 2 and 9.	Apr. 2
May 4	Breakwater—Duluth, Minn. Adv. Apr. 9.	Apr. 9
May 7	Dam-Newburg, Ind. Adv. Apr. 9.	Apr. 9

UNCLASSIFIED

Apr. 14	Fill—Phila., Pa.	Apr. 9
Apr. 14	Playhouse, etc.—Roselle (Ind. Br. Elizabeth), N. J.	Apr. 9
Apr. 14	Street Lighting System, St. Paul, Minn.	Apr. 9
Apr. 15	Park—Lowell, Mass.	Apr. 9
Apr. 16	Fire Protection — Newark, N. Y.	Mar. 12
Apr. 20	Core Borings—Camden, N. J. Adv. Apr. 2 and 9.	Apr. 9
Apr. 23	Tunnel—Sonyea, N. Y.	Mar. 26
Apr. 29	Wall—Peru, Ind.	Apr. 2
May 8	Tunnel—New York, N. Y.	Mar. 5

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Mass., Arlington — Town appropriated $55,000, extending mains in various streets. Engineer not selected.

Mass., Gardner — City and State plan main pipe line from Pear St. municipal supply to East Gardner. $35,000 appropriated. Engineer not selected.

Mass., Lexington — Town appropriated $20,000, extending mains in various streets. Engineer not selected.

Conn., Southington—Plans extending and repairing water system, etc. $60,000. S. H. MacKensie, Southington, engr.

N. Y., Dexter — Voted $90,000 bonds water supply system, incl. well, pumps, and tank. W. T. Field, Flower Bldg., Watertown, consult. engr.

N. Y., Sacket Harbor — Voted $70,000 bonds for water supply system, incl. well, pumps and elevated tank. W. T. Field, Flower Bldg., Watertown, consult. engr.

N. C., Hamlet—Plans extensive improvements, incl. coagulating basin, several large filters, steel tank and alterations in pumps and motors. $60,000.

Ala., Tuscaloosa—Plans improving pumping station, and extending main, etc. $175,000.

Miss., Aberdeen — Plans deep well and pump. $2,500. W. P. Dabney, Columbian Tower Bldg., Memphis, Tenn., engr.

Tenn., Humbolt — Plans additions and improvements to waterworks, incl. 100,000 gal reservoir, meters, etc. $75,000.

O., Rocky River—See "Sewers."

Ia., Plymouth — Plans waterworks improvements. $15,000. J. I. Carmany, city clk.

Minn., Waite Park—Voted $20,000 bonds, for waterworks. Engineer not announced.

Tex., Fredericksburg — Making preliminary plans complete waterworks, mains, pumping equipment, etc. $120,000 bonds to be voted. Terrell Bartlett Engineers, 612 Calcasieu Bldg., San Antonio, engrs.

Tex., Goree—Election Apr. 28, $35,000 bonds waterworks improvements. incl. 15 ft. diam. well, 50,000 gal. steel reservoir on 100 ft. tower and extensions. Douglas & Mitchell, Ward Bldg., Wichita Falls, engrs. Noted Jan. 15.

Tex., Harrisburg — Voted $35,000 bonds waterworks improvements. J. S. Deady, Colorado and Elm Sts., mayor.

Okla., Elk City — Making plans waterworks extensions, incl. 12 new wells, pumps, mains, motors, tank, pump houses, 15,000 ft. 10 in. rein.-con. pipe, etc. $139,000. Benham Eng. Co., Gumbel Bldg., Kansas City, Mo., engrs. Noted Mar. 5.

Okla., Holdenville—Election Apr. 7, $128,000 bonds for waterworks, etc. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Mar. 12.

Okla., Vici—Plans new waterworks, incl. well, pump, motor, tank, valves, 20,000 ft. 2- to 6-in. c.i. mains, etc. $20,000. Gantt-Baker Co., 1116 West Main St., Oklahoma City, engrs.

Calif., Antioch — Plans election $25,000 bonds extending water and sewerage systems. R. Naas, city engr.

Calif., Azusa — Plans election $105,000 bonds, waterworks and distributing system. J. O. Durrell, city clk.

Calif., Eureka — J. Griffiths, supt. Pub. Wks., plans to purchase 2,000 ft. 8 in. National Matheson joint pipe, thickness 0.185 thousands galvanized and asphalted inside and outside.

Calif., Garberville — See "Excavation, Drainage, Irrigation, Levees."

Calif., Manhattan Beach—Election $25,000 bonds, extending water distributing system. L. Price, city clk.

Calif., Monterey Park—Plans election $25,000 bonds, extending water system. O. A. Stone, Hollingsworth Bldg., Los Angeles, engr.

Calif., Redwood City—Voted $30,000 bonds additional reservoir and extending water system. C. L. McDermitt, city engr. Noted Feb. 19.

Calif., San Diego—Plans extensions and replacements to distributing system. $400,000. F. A. Rhodes, city engr.

Calif., San Jacinto—Plans election bonds to exceed $25,000 to finance water and sewerage systems.

Ont., Woodstock—Water Bd. plans 6 mi. pipe line $40,000. J. Archibald, City Hall, supt.

Ont., Humberstone—Plans c.i. mains in various streets, electric pumps, pump house, reservoir, etc. $30,000. Engineer not selected.

BIDS DESIRED

Mass., Boston—Apr. 23, at office of Metropolitan Dist. Comn., 1 Ashburton Pl., about 7,380 lin.ft. hammer-weld, lock bar steel or riveted mains, etc., in Arlington and Somerville. W. E. Foss, dir. Water Div.; adv. E. N.-R. Apr. 9.

Mass., Boston — City taking bids high pressure fire pipes in Atlantic and Dorchester Aves., Summer, Richmond, Fulton, Congress and Lewis Sts., etc. $60,000 bonds. J. A. Rourke, comr. Pub. Wks.

Mass., Needham—Apr. 10, by Town Clerk, Town Hall, 800 ft. 18 in. c.i. pipe, 2 special castings, 100 ft. manhole frames, 100 manholes covers, and 400 steps. Barbour & Dixon, Tremont Bldg., Boston, engrs.

N. Y., Fulton — Apr. 17, by Common Council, rein.-con. suction well. Hazen & Whipple, 25 West 43rd St., New York City, consult. engrs.; adv. E. N.-R. Apr. 9.

N. Y., New York—Apr. 14, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains, etc. in Amsterdam, 3rd and 11th Aves.

Pa., Mount Union—Apr. 21, by Bd. Water Comrs., storage reservoir known as Lake Mount Union at Singer's Gap on Carmichaels Run, 6 mi. south of here. D. W. Dillman, 91 Altoona Trust Bldg., Altoona, engr.

N. C., High Point—Apr. 28, by J. W. Hedrick, mayor and City Council, waterworks improvements. W. C. Olsen, Raleigh, consult. engr.; adv. E. N.-R. Apr. 9.

Fla., Tallahassee—May 11, at office of W. R. Galt, city mgr., two 16 in. x 4 x 4 in. "Y" special, three 4 in. gate valves standards, etc. B. H. Bridges, city aud. and clk; adv. E. N.-R. Apr. 9.

La., Churchpoint — Apr. 28, by Mayor and Bd. Aldermen, waterworks system, incl. 125,000 gal. concrete reservoir, 50,000 gal. elevated steel corrugated iron pump house, etc., Swanson-McGraw, United Fruit Bldg., New Orleans, consult. engrs.

O., Cleveland—Apr. 15, by Comrs. Cuyahoga Co., 6,800 lin.ft. 12 in. c.i. pipe for Impvt. 81, in County Sewer Dist. 2, and 6,750 lin.ft. 6 and 8 in. c.i. main for Impvt. 354, in County Sewer Dist. 3. To exceed $25,000. F. R. Williams, Court House, engr.

O., Garfield Heights (Cleveland P. O.)—Apr. 14, by City, 6,000 ft. 6 in. c.i. watermain and 300 ft. 12- to 18-in. tile sewer in 3 streets.

Wis., Menomonee — Apr. 13 (extended date), by W. J. Connell, village clk., water mains and sewers in various streets. W. F. Reichardt, North Main St., Watertown, engr. Bids rejected on pumping equipment and well, and will readvertise. Noted Mar. 19.

Wis., Milwaukee—Apr. 14, by D. W. Hoan, chn. Central Bd. Purchases, 2,500 tons 6- to 12-in. Class "C" c.i. pipe, f.o.b. cars Milwaukee. Former bids rejected. Noted Mar. 26.

Mo., Steele — Apr. 16, complete waterworks and sewerage system. $65,000. A. C. Moore, Independent Bldg., Joplin, consult. engr.

Tex., Irving—Fresh Water Dist., c/o L. Hancock, secy., taking bids pumping equipment for waterworks. Koch & Fowler, 606 Central Bank Bldg., Dallas, engrs.

Waterworks (Continued)

BIDS RECEIVED

Mass., Bridgewater—Bd. Water Comrs., stand pipe, from Petroleum Iron Wks., Sharon, Pa., $27,975. Barbour & Dixon, 1119 Tremont Bldg., Boston, engrs.

O., Cincinnati—Director Pub. Serv., Mar. 20, 750 ft. 36 in. c.i. pipe for Eden Park Reservoir, from U. S. Cast Iron Pipe & Fdry. Co., Addyston, $10,334. Engrs. est. $10,000. Noted Mar. 12.

O., Cincinnati—Hamilton Co., Mar. 24, 2,400 ft. 16 in. c.i. mains in Water Supply Line 7, Dist. 1 (Silverton), Contr. 2, and 10,000 ft. 8 in. c.i. mains in Water Supply Line 8, Dist. 2 (White Oaks) Contr. 1, from J. Dempsey, 2314 Kenton St., $20,570 and $24,173 respectively, engrs. est. $22,000 and $28,495 respectively; 7,838 ft. 6 and 8 in. c.i. mains in Water Supply Line 9, Dist. 1 (Montgomery Rd.), from W. Henninger, 7011 Montgomery Rd., Norwood, $15,937, engrs. est. $18,837. Noted Mar. 19.

O., Cincinnati — Directors Public Serv., Mar. 23, 19,110 ft. 6- to 20-in. c.i. mains in connection with water distribution system of Cincinnati in North Bend and Morton Rds., 71st and 72nd Sts., from W. Henningan, 7011 Montgomery Rd., Norwood, $38,665. Engrs. est. $45,000.

O., Cleveland—City, North Raw Water Main at Kirkland Pumping Sta., Mar. 27, 1,575 ft. 48 in. lock bar steel pipe, from D. Lowensohn, 8810 Woodland Ave., $53 per ft., total $83,475. Noted Mar. 19.

O., Cleveland—A. K. Hoare, comr. Purchases & Supplies, one 60 m.g. per day steam turbine reduction gear driven centrifufal pump for Kirkland Pumping Station, from Dravo-Doyle Co., 302 Penn. Ave., Pittsburgh, Pa., $128,000. Noted Mar. 12.

Minn., St. Paul—H. W. Austin, city purch. agt., one 69 in. steel tube Venturi meter with register, from Builders Iron Fdry., 9 Codding St., Providence, R. I., $3,775.

CONTRACTS AWARDED

Mass., Bridgewater—Bd. Water Comrs., about 10 mi. 6- to 14-in. mains in various streets, to B. Nicoll & Co., Inc., 294 Madison Ave., New York City, $78,686. Noted Mar. 12.

N. Y., Brooklyn — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Aves. P, T and X, Rockaway Parkway, Montauk Ave., Crescent, West, Marsh, 89th, East 1st, 2nd, 36th and 95th Sts., here, to Grippo Contg. Co., 85 Webster Ave., Long Island City, $6,670. Noted Apr. 2.

N. Y., New York — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., setting valves and hydrants, and connecting mains in Ave. A, 1st, 2nd and 3rd Aves., etc., to Wataga Contg. Co., 308 Lenox Ave., $24,500. Noted Apr. 2.

N. Y., St. George — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Clinton, Forrest, and Westervelt Aves., etc., here, to Wataga Contg. Co., 308 Lenox Ave., New York City. $112,900. Noted Apr. 2.

Md., Baltimore—Bd. Awards, galvanized w.i. pipe, coupling and malleable iron fittings, to Southern Supply Co., 315 North Calvert St., $12,195; c.i. pipe and fittings, to R. D. Wood & Co., 400 Chestnut St., Phila., $284,024. Noted Apr. 2.

O., Coltsville (mail Youngstown)—Mahoning Co. (Youngstown) new water lines, in Coltsville Twp., here, to Lloyd Contg. Co., Xenia, $127,926. Engrs. est. $148,000. Noted Mar. 26.

Ill., Lombard — Laying c.i. mains in Greenfield Ave. and vicinity and Parkside Dist., to G. F. Santry Co., Mallers Bldg., Chicago, $28,771.

Wis., La Crosse—Dept. Pub. Wks., c/o W. Fries, secy., 12,176 ft. 4- to 20-in. c.i. mains in various streets, etc., to De Graff Wolff, 985 Scheffer St., St. Paul, Minn., $43,450. Noted Mar. 26.

Ia., Grinnell — Waterworks equipment, incl. centrifugal pumps, air compressors, motors, piping, etc., to Electrical Equipment Co., 209 Grand Ave., Des Moines, $9,814.

Minn., Minneapolis — F. S. Gram, city purch. agt., two 48 in. flanged horizontal gate valves, to Rensselaer Valve Co., Monodnock Bldg., Chicago, Ill., $3,017 each. Noted Mar. 12.

Minn., Robbinsdale—For 22,150 lin.ft. 8- to 12-in. c.i. mains, etc., to Phelps-Drake Co., 623 Metropolitan Life Bldg., Minneapolis, $50,889. Noted Apr. 2.

Minn., St. Paul—To H. Mueller Mfg. Co., 512 West Cerro Gordo St., Decatur, Ill., 2,600 pieces ¾ in. corporation stops $1.16 each, 2,600 pieces ¾ in. curb stops $1.62 each, copper tubing, 10,000 lin.ft. 30 ft. lengths, 20,000 ft. 20 ft. lengths, 10,000 ft. 18 ft. lengths, 10,000 ft. 16 ft. lengths, 10,000 ft. 14 ft. lengths and 10,000 ft. 12 ft. lengths $0.1823 per ft.

Tex., Slaton—Extending present waterworks and sewerage systems, to Gantt-Baker Co., 1116 West Main St., Oklahoma City, Okla. $70,000 cost plus 10%.

Wash., Seattle—To Goetz & Brennan, Seaboard Bldg., mains in West Barton St., et al, 2,165 ft. 16 in. B, c.i. pipe $4.80 per ft., 2,756 ft. 16 in. C, c.i. pipe $5, 13,160 ft. 24 in. riveted steel pipe $7.10, 23 hydrants $130, total $62,593. Engrs. est. $60,639.

Sewers

PROPOSED WORK

Mass., Arlington — Bd. Selectmen plans extending sewers in various streets, $60,000 appropriated; and for new storm drains, $20,000 appropriated. Engineer not selected.

Mass., Lexington—Bd. Selectmen plans new sewer in Hancock St. $31,000 appropriated. Engineer not selected.

Mass., Needham—Bd. Sewer Comrs., plan extending lines in main streets, and connecting with Metropolitan sewerage system. $150,000 appropriated. Engineer not selected.

N. Y., Dexter—Voted $60,000 bonds for 4 mi. sewers. W. T. Field, Flower Bldg., Watertown, consult. engr.

N. Y., Sacket Harbor — Voted $30,000 bonds for 3 mi. sewers. W. T. Field, Flower Bldg., Watertown, consult. engr.

N. J., New Brunswick—City Comn. plans storm sewer along Lyle Brook. $40,000. A. Atkinson, city engr.

O., Akron—See "Streets and Roads."

O., Cincinnati—Plans 710 ft. 8- to 24-in. vitr. clay and 1,360 ft. 30- to 42-in. segmental block sewers in Eklins Alley, Court and Elm Sts. $40,250. F. Krug, City Hall, engr.

O., Garfield Heights (Cleveland P. O.)—Plans sewers in Sewer Dists. 3 and 4. $100,000. R. F. Munz, Town Hall, engr.

O., Minerva—Town plans purchasing site for sewage disposal plant, and sanitary sewers in various sections of city. $40,000-$50,000.

O., Rocky River—Takes bids in summer sewer and watermains in various streets, $150,000; also storm and sanitary sewers in Lakeview Rd., $60,000. E. H. Arnold, Town Hall, engr.

Ill., Herrin — Making preliminary plans disposal plant and sanitary sewers in various parts of city. $300,000. G H. Anderson, City Hall, engr.

Ill., Princeville—Plans sewerage system and sewage treating plant. $47,000. J. W. Maple, judge.

Mo., Chaffee — Defeated $30,000 bonds complete sanitary sewerage system, etc. $30,000. C. E. Smith & Co., Railway Exch., St. Louis, engrs. Noted Feb. 27 .

Mo., St. Louis—Making preliminary plans segmental block or brick and vitr. clay sewers in Baden Sewer Dist. 4. $167,000-$173,000. W. W. Horner, 300 City Hall, engr.

Ark., Smackover—Plans sanitary sewers in various streets. $35,000. Engineer not selected.

Tex., Galveston—Election May 12, $200,000 bonds sewer extensions. C. A. Holt, Jr., city engr.

Tex., San Antonio — Plans extending 4,500 ft. 72 in. and 84 in. rein.-con. sewers through city sewer farm to outfall sewer main, incl. 410 ft. siphon. $125,000 appropriated. I. Ewig, city engr.

Okla., Elk City—Plans 2 mi. new outfall sewers and disposal plant, incl. 12,000 ft. 15 in. vitr. clay pipe, Imhoff tank, etc. $35,000. Benham Eng. Co., Gumbel Bldg., Kansas City, Mo., engrs.

Okla., Holdenville—Election Apr. 7, $93,000 bonds for sewers. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Calif., Alhambra — Made specifications 60,404 lin.ft. 8 in. vitr. sewers, etc., in Sewer Dist. 12. M. H. Irvine, city engr.

Calif., Antioch—See "Waterworks."

Calif., Berkeley—Plans election $146,000 bonds for storm sewers. E. M. Hann, city clk.

Calif., Beverly Hills — Plans election $160, bonds to finance sewer outfall.

Calif., Brea—See "Streets and Roads."

Calif., North Sacramento—Making plans 68,000 ft. 5- to 15-in. sewers in various streets. $75,000 available. J. N. Bidwell, 1501 Del Paso Blvd., engr.

Calif., Porterville—Plans second election $50,000 bonds, sewage disposal plant, etc. F. Pease, city engr. Noted Feb. 26.

Calif., San Luis Obispo—Plans election approximately $25,000 bonds extending sewers in various streets. C. M. John, city clk.

Ont., New Toronto — See "Streets and Roads."

Ont., Toronto—East York Twp., Sammon Ave. Municipal Yard, plans rein.-con. sewage disposal plant. $50,000. G. R. Jack, twp. engr.

BIDS DESIRED

R. I., Providence — Apr. 13, at Office of City Clerk, City Hall, 1,500 ft. sewer in North Main St., J. H. Gainer, chn., Bd. Contr. and Supply.

D. C., Wash. — Apr. 15, at office Washington Suburban Sanitary Comn., Evans Bldg., New York Ave., c.i. pipe Contrs. 48-W, and 49-W, also fittings, Contr. 50-W. R. B. Morse, Hyattsville, Md., ch. engr.; adv. E. N.-R. Apr. 9.

Fla., Tampa — Apr. 28, by City Comn., City Hall, 10- to 30-in. concrete sewers etc. in various streets, Sect. 11, $25,000; 8- to 18-in. concrete sewers, etc. in various streets, Sect. 12, $25,000; 8- to 15-in. concrete sewers, etc. in various streets, Sect. 13, $40,000; 8- to 12-in. concrete sewers, etc. in various streets, Sects. 14 and 15, $28,000. R. D. Martin, City Hall, engr.

O., Cleveland—Apr. 16, by City, sewer in Archmere Ave. S. W., Attica Rd. S. W., Bartter Ave. N. W., Briggs Rd. S. W. Bosworth Rd. S. W., Kenwanee Ave. N. E., Michell Ave. N. W., Rosena Ave. N. E., Schell Ave. S. W., East 85th, East 171st and West 146th Sts. To exceed $50,000. R. Hoffman, City Hall, engr.

O., Dayton—Apr. 20, at office Dept. Pub. Serv., storm sewer along Miami and Erie Canal, also North Dayton Sanitary relief and Dry Hollow Creek storm sewers, Projects 1 to 4 (inclusive). G. F. Baker, dir.; adv. E. N.-R. Apr. 9.

O., Garfield Heights (Cleveland P. O.)—See "Waterworks."

Ind., Columbia City — Apr. 16 by City Engineer, 5,805 ft., of 12 to 36 in. tile pipe in main sewer, 430 ft. 12 in. tile pipe in branch sewers. $40,500.

Ind., East Chicago—Apr. 29, by Bd. Pub. Wks., for Adler St. Sewage Pumping Station. Pearse, Greeley & Hansen, 6 North Michigan Ave., Chicago, consult. engrs.; adv. E. N.-R. Feb. 26.

Ill., Blue Island—Apr. 17, by Bd. Local Impvts., intercepting flood relief sewers, Special Assessment 279. A. L. Fox, Burnham Bldg., 160 North La Salle St., Chicago, engr.; adv. E. N.-R. Apr. 9.

Ill., Downers Grove — Apr. 22, by Bd. Trustees Downers Grove Sanitary Dist., at office of C. H. Bunge, atty., 2 systems of sanitary sewers and a system of house sewers. E. D. Otto, Downers Grove, engr.; adv. E. N.-R. Apr. 9.

Ill., Kenilworth — See "Streets and Roads."

Calif., San Francisco—Apr. 15, by Bd. Pub. Wks., rein.-con. sewers in 30th Ave. between Lincoln Way and Kirkham, and in Kirkham between 26th and 30th Aves. $100,000. M. M. O'Shaughnessy, city engr. Noted Apr. 2.

BIDS RECEIVED

Massachusetts—Metropolitan Dist. Comn., 1 Ashburton Pl., Boston, 3,325 ft. sewer in Mill Brook Valley Sewer Sect. 78, North Metropolitan System in Arlington and Medford, from A. Bariffaldi, 52 Powder House Blvd., Somerville, $110,235. Noted Mar. 26.

N. Y., New York — H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., Apr. 2, sewers in Riverdale Ave., etc., from M. Del Balso, 660 East 221st St., $6,610; Mace Ave., etc., from A. Musumeci, 277 East 146th St., $1,888; Seymour Ave., etc., from Slack & Slack Corp., 1621 Yates Ave., $64,020.

O., Idlewood (Cleveland Heights P.O.)—From Iafornaro Constr. Co., 2218 Murray Hill Rd., Cleveland, sewers in Edgerton Rd., b. brick 10,764, segment $9,558, Charney Rd., b. brick $15,290, segment $14,800, sewers, watermains and curb connections in 8 streets $61,218. Work involves 6,031 ft., 30- to 60-in. segmental block and 11,200 ft. 12- to 24-in. tile block pipe.

Wis., Milwaukee — J. H. Fowles, secy. Sewerage Comn., 508 Market St., cyclone chambers in dryer house in connection with sewage disposal plant on Jones Island, from Downey Heating Co., 256 11th St., $15,160.

Calif., Los Angeles — Cement sewer in Central Ave. between Florence and Man-

Sewers (Continued)

chester Aves., from J. Chutuk, 343 Wilcox Bldg., $138,118. Noted Mar. 26.

Calif., Los Angeles—City, 8,441 ft. 5 ft. 6 in. and 5,526 ft. 5 ft. sewers for Sect. 24, North Outfall Sewerage System, from Atkinson-Spicer Co., Chapman Bldg., semi-elliptical brick-concrete pipe, $238,500; from M. Simmunovich, 3305 West 66th St., Hyde Park, semi-elliptical concrete pipe, $219,-985; from R. A. Wattson, 1026 McCadden Pl., pre-cast concrete pipe, $425,778.

Calif., San Fernando — City Trustees, Mar. 23, 1,390 ft. 15 and 18 in. main outfall sewer complete Imhoff tank and sprinkling filter sewage disposal work, 510 ft. sewer trench, 4,200 cu.yd. excav., for tank and sprinkler filters, 56,000 lb. c.i. pipe, etc., from M. Matick, 1436 West 15th St., Los Angeles, $39,353. Engrs. est. $42,000.

CONTRACTS AWARDED

N. Y., Brooklyn — J. A. Guider, boro pres., Boro Hall, (**e. e. means engineers estimate**) to S. Ajazranzo, sewers in East 46th St. 73.5% e.e. $3,101; Argyle Rd. 73.73% e.e. $2,695, to Standard Constr. Co., 705 Park Ave., storm and sanitary sewer in East 18th St., 67% e.e. $8,219, 40th St., 72% e.e. $5,690, 73rd St., 78% e.e. $3,997, to Tomassetti & Co., 1133 60th St. Georgia Ave. 65.75% e.e. $4,391. Noted Mar. 19.

N. Y., Long Island City—M. E. Connolly in 163rd St., pres. Queens Boro, Queens Subway Bldg., temporary basin inlets to H. J. Mullins Contg. Co. Jamaica Ave. and 144th St., Jamaica, $225; sewers in Bway, to F. J. Kelly Co., Inc., 186 Joralemon St., Brooklyn, $40,197; sewers in 40th Rd., to C. Petitracca, $1,585; sewers in Winthrop Ave. to J. Gallo, 203 Division St., Brooklyn, B $40,974. Noted Apr. 2.

N. Y., New York — H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., sewers in White Plains Rd., to A. Gregorio & Co., 1129 8th Ave., $6,730, in Edison and Hammersley Aves., to Knight & DeMicco, 448 East Tremont Ave., $4,470 and $4,355 respectively; reconstructing sewer in Exterior St., to Fox Reynolds, 81 East 125th St., $129,440. Noted Apr. 2.

Md., Baltimore—Bd. Awards, City Hall, storm and sanitary sewers in Dists. G-14 and J-1, Storm Water Contr. 81, to D. C. McAleer, Phoenix Bldg., $161,959. Noted Apr. 2.

O., Akron—W. F. Peters, dir. Pub. Serv., Case and Johnston St. Trunk Sewer 200 ft. 36 in. rein.-con., 1,340 lin.ft. 42 in. brick, 830 lin.ft. 48 in. segmental block, 810 lin.ft. 54 in. tile and 1,550 ft. 12- to 25-in. vitr. pipe, and Willow Run Trunk sewer, 5,200 ft. 24- to 90-in. brick pipe to McAlonan Bros., 506 Woodland Ave., $65,203 and $294,975 respectively, engrs. est. $99,950 and $320,000 respectively; Portage-Sunnyside Dist. Trunk Sewer, 3,850 ft. 36- to 60-in. rein.-con. and brick pipe to F. George, 1657 Mahoning Ave., Youngstown, $56,422, engrs. est. $74,000. Noted Mar. 26.

Ill., Decatur—For 4,200 ft. intercepting and 1,900 ft. overflow sewers, etc., to File & Collins, Decatur, $147,000. Noted Mar. 26.

Ill., Lombard—For 8- to 15-in. sanitary sewers in Greenfield Ave. and vicinity and Parkside Dist., to G. F. Santry Co., Mallers Bldg., Chicago, $37,955.

Ill., Urbana — Urbana and Champaign Sanitary Dists., 7,000 ft. 8 and 12 in. sanitary sewers, to J. L. Johnson, Decatur, $13,347. Noted Feb. 12.

Wis., Milwaukee—J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., 7,310 ft. 36 in. concrete and 2,620 ft. 24 in. terra cotta sewers, etc. in 1st Ave. extension, to Wenzel & Henoch Co., 498 27th St., $296,570. Noted Mar. 19.

Tex., Slaton—See "Waterworks."

Ont., Ft. William—Will lay 8,000 ft. vitr. clay sewers in McLeod, McPherson and McIntyre Sts., by day labor, under supervision of C. B. Symes, city engr. $25,000.

Waste Disposal

PROPOSED WORK

Tex., Galveston — Election May 12, $75,-000 bonds garbage incinerator. C. A. Holt, Jr., city engr.

Bridges

PROPOSED WORK

N. J., Asbury Park—Berkeley—Carteret Hotel, Asbury Park, plans concrete bridge, with span 17 ft. high, 26 ft. roadway, to connect hotel with boardwalk stores, $100,-000. Warren & Wetmore, 16 East 47th St., New York City, engrs.

Ill., Rockford — Making plans 1,500 ft. concrete arch bridge. $300,000. Harrington, Howard & Ash, Orear-Leslie Bldg., Kansas City, Mo., engrs.

Ark., Paragould — Paragould — Hopkins Bridge Impvt. Rd. Dist. 1, c/o D. G. Beauchamp, making preliminary plans 350 ft. steel and concrete bridge with 1,500 ft. viaduct approach. $57,000.

Tex., Anderson—See "Streets and Roads."

Tex., Boston—See "Streets and Roads."

Tex., Houston—H. L. Washburn, aud. Harris Co., and Howe & Wise, engrs., 1st Natl. Bank, soon take bids rein.-con. and steel bridge with two 250 ft. spans and 500 ft. concrete approach across San Jacinto River, on State Highway 3, between Liberty and Ft. Bend Co. lines. $225,000.

Tex., Jourdanton — See "Streets and Roads."

Tex., San Antonio — Takes bids about June 1, 110 ft. rein.-con., steel and concrete bridge with one or 2 spans, St. Marys and Crockett Sts. $45,000. Terrell Bartlett Engineers, 612 Calcasieu Bldg., engrs.

Tex., Seymour—See "Streets and Roads."

Calif., Oakland — Alameda Co. making preliminary plans replacing bridges at Hazel and A Sts. $30,000 or more. G. A. Posey, Oakland, co. surv.

Ont., London—East William Twp., Middlesex Co., plans one 95 ft. and two 30 ft. steel truss and beam spans, with two 24 ft. concrete piers and two 18 ft. abutments. $100,000. C. Talbot, County Bldg., engr.

BIDS DESIRED

Pa., Hollidaysburg—Apr. 15, by Comrs. Blair Co., 90 ft. span rein.-con. arch bridge at East Freedom, two 25 ft. span rein.-con. girder bridge at Allegheny Twp., 36 ft. span rein.-con. girder bridge on 6th Ave., Eldorado, and 25 ft. span rein.-con. girder bridge at Cross Keys. $125,000. C. C. Stout, Hollidaysburg, engr. Noted Jan. 8.

Georgia—Apr. 24, by State Hy. Dept., East Point, bridge over Upatoi Creek, on Columbus-Cusseta Rd., Federal Aid Project 404-B Columbus and Muscogee Counties, 145,000 lb. reinforcing, 1,275 cu.yd oncrete, etc.; and bridge and approaches on Quitman-Thomasville Rd., Federal Aid Project 415-A, Brooks Co., 28,031 lb. reinforcing, 4.5 acres clearing, etc. W. R. Neel, highway engr.

Tennessee—Apr. 24, by State Dept. Hys. & Pub. Wks., Nashville, 80 ft. steel truss and three 40 ft. concrete span bridge over Hatchie River, on Federal Aid Project 100-B, Haywood Co. J. G. Creveling, highway comr.

Tennessee—See "Streets and Roads."

O., Dayton—May 1, by G. F. Baker, dir. Pub. Serv., City Hall, for Summit St. Bridge over Wolf Creek. Harrington, Howard & Ash, Kansas City and New York, consult. engrs.; adv. E. N.-R. Apr. 9.

Indiana—Apr. 24, by State Hy. Comn., Indianapolis, for 55 bridges in various counties incl. one bridge 800 ft. long with approaches over White River between Petersburg and Washington. Davis and Pike Counties. Total $900,000. Federal Aid appropriates $375,000 toward cost. W. J. Titus, Indianapolis, bridge engr.

Wis., Waukesha—Apr. 14, by C. J. Hahn, highway comr., Waukesha Co. Okauchee Bridge, 50 ft., and Baker Bridge, 30 ft., both rein.-con. $35,000.

Kan., Newton—Apr. 13, by A. Martin, city clk., 235 ft. deck arch bridge, 25 ft. over Sand Creek, at Bway. Ave., 948 cu.yd. concrete, 462 sq.yd. brick surfacing, 75,692 lb. reinforcing, etc. Kansas Eng. Co., 1233 Western St., Topeka, engrs.

Wyo., Big Piney—Apr. 14, by State Hy. Comn., Cheyenne, several 23 to 69 ft. span bridges, here, Sublette Co. $25,000. J. F. Seiler, highway engr.

Tex., Jacksboro — See "Streets and Roads."

Tex., Karnes City — See "Streets and Roads."

Tex., Linden—See "Streets and Roads."

Tex., Memphis—See "Streets and Roads."

Tex., Palestine — See "Streets and Roads."

Tex., San Augustine — See "Streets and Roads."

Tex., Waco—Apr. 27, by McLennan Co., 150 ft. riveted Pratt truss steel span bridge across Bosque River. $75,000. M. Hannah, Waco, engr.

California—Apr. 20, by State Hy. Comn., Sacramento, six 50 ft. rein.-con. girder span bridge on concrete piers, etc., over San Onofre Creek, San Diego Co. R. M. Morton, highway engr.

BIDS RECEIVED

Mass., Leominster—Bd. Pub. Wks., Mar. 30, 2 arch 65 ft. rein.-con. bridge over Nashua River, at Merrimac St., from J. Lorenzi, 453 Mechanic St., $23,650 for 1 ft. span, and $26,150 for 49 ft. span. Noted Mar. 26.

New Jersey—State Hy. Comn., Trenton, removing existing highway bridge and constructing new 891½ ft. bob-tailed swing span bridge over Alloways Creek, Route 6, Salem Co., from S. Campbell, Bridgeton, $59,173. Noted Mar. 12.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, 5 rein.-con. bridges over 20 ft. span on State Aid Project 187-B, Hardin Co., from M. C. Merrill Constr. Co., Bellville, Ill., $62,963. Noted Mar. 19.

Tex., Henrietta—See "Streets and Roads."

Tex., Houston—See "Streets and Roads."

CONTRACTS AWARDED

Mass., Northampton—Bd. Pub. Wks., City Hall, removing existing iron truss bridges and constructing Cooks Dam Bridges (2) over Mill River, on Main St., Leeds, to C. I. Hosmer, 40 Prospect St., Turners Falls, $22,395. Noted Mar. 12.

N. Y., Long Beach—Bd. Supervs. Nassau Co., Mineola, 62 ft. concrete bridge, over Barnum Island Creek on Long Beach Rd., here, to Andrew Weston, Inc., Woodmere, $109,326. Noted Jan. 22.

N. J., Newark—Bd. Freeholders Essex Co., 2 span 100 ft. plate girder, concrete deck bridge, at Lower Chatham, to Northern Constr. Co., 423 Amherst St., East Orange, $35,495. Engrs. est. $40,000. Noted Mar. 19.

Md., Baltimore—Bd. Awards, constructing Rogers Ave. Bridge at Western Maryland Ry., to B. F. Johnston & Co., 11 East Lexington St. $62,600. Noted Mar. 26.

La., Kingston — Kansas City Southern R.R., 11th and Wyandotte Sts., Kansas City, Mo., will build creosoted ballasted deck girder bridge near here, by day labor. $26,000. A. N. Reese, ch. engr.

La., New Orleans—Comn Council, bascule bridge over New Basin Canal, Carrollton Ave., to Lakeside Bridge & Steel Co., 53 West Jackson Bldg., $173,000. Noted Oct. 23.

Tennessee—See "Streets and Roads."

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, 7 rein.-con. bridges each over 20 ft. span on Milan-Weakley Co. line Rd., State Aid Project 193, Gibson Co., to Peterson & Earnhardt, Montgomery, Ala., $119,981. Noted Mar. 19.

Ia., Creston—See "Excavation, Drainage, Irrigation, Levees."

Neb., Plattsmouth—King of Trails Bridge Co., c/o S. S. Davis, secy., twenty-eight 50 ft. span transverse joist girder bridge over Platte River to Economical Bridge Assn., Lincoln, $94,342. This corrects report in Mar. 19 issue.

South Dakota—See "Streets and Roads."

Wyoming—State Hy. Comn., Cheyenne, 380 ft. steel truss bridge over Shoshone River, on Federal Aid Project 176-A, Big Horn Co., to McGuire & Blakesley, 415 First Natl. Bank Bldg., Great Falls, Mont., $54,473, engrs. est. $75,000; five 377.5 ft. span I-beam bridge over Pole and Boulder Creeks, on Federal Aid Project 140-A, Sublette Co., to J. F. Turpin, Wheatland, $26,-784, engrs. est. $35,000. Noted Mar. 19.

Tex., Eagle Pass — See "Streets and Roads."

Tex., Henrietta — See "Streets and Roads."

Tex., Houston—See "Streets and Roads."

Dams

PROPOSED WORK

Tenn., Greenville — Tennessee Eastern Electric Co., Johnston, plans to raise height of hydro-electric dam on Nolachucky River, near here. $500,000.

Calif., Victorville — See "Excavation, Drainage, Irrigation, Levees."

Railways

PROPOSED WORK

Texas—Texas & Pacific R.R., Texas & Pacific Bldg., Dallas, making plans roundhouse addition and yard improvements in

Railways (Continued)

South Dallas. $1,500,000. E. F. Mitchell, ch. engr.

California — See "Excavation, Drainage, Irrigation, Levees" under "Manteca."

California—Southern Pacific Ry. Co., 65 Market St., San Francisco, plans enlarging railroad yards, incl. extending tracks, stock yard with building, etc., in Marysville. $125,000. G. W. Bosche, ch. engr.

BIDS DESIRED

Massachusetts—Apr. 13 by Massachusetts Street Railway Co., 1 Beacon St., Boston, constructing about 2,400 ft., railway track on Water St., between Quincy and Sea Sts., in Weymouth and reconstructing about 2,600 ft., on Copeland St., in Quincy. Private plans.

CONTRACTS AWARDED

Louisiana — Kansas City Southern R.R., 11th and Wyandotte Sts., Kansas City, Mo., will build industrial tracks in Shreveport, by day labor. $30,000. A. N. Reese, ch. engr.

Ohio — Pennsylvania R.R., Penn Sta., Pittsburgh, Pa., double tracking freight line from Bayard to Canton, here, known as Canton, Bayard low grade cut-off, 2,250,000 cu.yd. earth and rock excav., etc., incl. 2 bridges 1 at Louisville and other over tracks of New York Central R.R., about 3.9 mi. section at Bayard to A. Guthrie & Co., Inc., 608 South Dearborn St., Chicago, Ill., 3.9 mi. section at Canton, to M. J. McMenamin, Commercial Trust Bldg., Phila., Pa., 3.9 mi. (one of middle) sections, to J. F. Casey Co., Aspinwall, Pittsburgh, Pa., 3.9 mi. other middle section, to Ferguson & Edmundson, Keystone Bldg., Pittsburgh, Pa. Total cost $4,000,000.

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

N. Y., Buffalo—Dept. Pub. Wks., making plans straightening Part 2, Cazenovia Creek, 1,300 ft. concrete retaining wall to exceed $200,000. C. E. P. Babcock, Municipal Bldg., engr.

N. J., Asbury Park — Plans dredging Wesley Lake. $40,000-$50,000. G. W. Pittenger, city comr. Engineer not selected.

Ill., Momence — Spring Creek D. D. making preliminary plans 174,000 cu.yd. excav., levees, drainage ditches, etc. R. D. Gregg, City Hall, Kankakee, engr.

Calif., Garberville — J. E. Benbow, Eureka, plans irrigating 102 acres, concrete and wood storage dam, 23 ft. high, 300 ft. long on top, 275 ft. on bottom, 2,000 acre ft. capacity, also pumping plant, one 6 in., one 8 in. and two 4 in. centrifugal pumps, etc.

Calif., Manteca—South San Joaquin Irrigation Dist., Manteca, and Oakdale Irrigation Dist., Oakdale, plan election $2,200,000 bonds for Melones Project, incl. 585 ft. concrete Radius type dam, about 210 ft. high, creating reservoir of 112,000 acre ft. capacity, irrigation outlets 250 ft. below dam, 1 mi. pressure tunnel to power house, also railroad and pumping plant, etc. Power plant in connection with above to be constructed by Pacific Gas & Eletcric Co., Pacific Gas & Electric Bldg., San Francisco, approximately $2,500,000.

Calif., Victorville—Appleton Land, Water and Power Co., 604 Washington Bldg., Los Angeles, making plans developing 2,000 hp. to operate pumps for irrigating 20,000 acres, construction includes 16,000 ft. 7.5 x 3.5 x 4 ft. concrete lined ditch with arched concrete cover, and concrete multiple arch type storage dam, 100 ft. high, 200 ft. long on top, 30 ft. on bottom, storing 1,000 acre ft., here. H. Hawgood, H. W. Hellman Bldg., Los Angeles, engr.

Ont., Pembroke — Dept. Pub. Wks., Ottawa, soon takes bids dredging Pembroke Harbor, and repairing timber wharf. $64,000. K. M. Cameron, Hunter Bldg., Ottawa, ch. engr.

BIDS DESIRED

Ky., Henderson—May 1, at office of H. J. Knight, drainage comr. Henderson Co., constructing South Canoe Creek Ditch, 272,715 cu.yd. excav., 45 or 50 acres clearing right-of-way, removing timber from 4 mi. old Canoe Creek, etc.; also cleaning and straightening Elam Flat D. D., 131,715 cu. yd. excav. C. W. McElroy, Henderson, engr.

CONTRACTS AWARDED

Ia., Creston—Union Co., 102,750 cu.yd. excav. on road south of Afton, to Naylor Bros., Omaha, Nebr., $28,000; deck girder bridge and 10 box culverts, to J. W. Rusk, Afton, $18,739.

Streets and Roads

PROPOSED WORK

Mass., Arlington — Bd. Selectmen plans new roads and highway improvements. $112,000 appropriated. Engineer not selected.

Mass., Beverly—School Comn. and Bd. Alderman, plan grading grounds around New High School. $25,000 or more. Private plans.

Mass., Boston—Dept. Pub. Wks., plans probably bituminous macadam paving traffic side of Columbia Rd. $25,000 or more. J. A. Rourke, comr.

Mass., Cambridge (Boston P. O.)—City Council plans bituminous macadam resurfacing River St. To exceed $25,000. Engineer not selected.

Mass., Cambridge (Boston P. O.)—Plans rebuilding Ash St., and resurfacing Hammond, Winthrop and Plympton Sts., Huron, Park and Aberdeen Aves. To exceed $25,000. Engineer not selected.

Mass., Dedham — G. B. Nickerson, c/o Whiteman & Howard, engrs, 220 Devonshire St., Boston, making plans developing Nickerson Estate for building purposes, incl. streets, grading, laying sidewalks, etc. $25,000.

Mass., South Boston (Boston P. O.)—See "Unclassified."

Mass., Spencer—Bd. Selectmen plans reconstructing and improving highways and bridges, and new stone road in Northwest Dist. $37,000 appropriated. Engineer not selected.

Mass., West Roxbury (Boston P. O.) — Dept. Pub. Wks., Boston, plans laying out constructing Brookstone St. and Tool Gate Rd. as highway from Brandeen to Washington Sts., here. $25,000. J. A. Rourke, comr.

N. Y., Niagara Falls—Plans asphalt paving Main St. To exceed $50,000. F. A. Jenss, councilman.

N. J., Belmar—Plans widening 9th and 10th Ave. $30,000. C. W. Birdsall, city engr.

Pa., Connellsville — Election May 12, $300,000 bonds grading and paving North Arch St. et. al. J. E. Hoenshal, Connellsville, engr.

Pa., Pittsburgh—Plans grading, paving and curbing, etc., William Penn Pl. from 6th to Liberty Aves. $52,000. Dept. Pub. Wks., City-County Bldg., city engrs.

Pa., Uniontown — Fayette Co. election May 5, $2,500,000 bonds improving 60 mi. various roads. L. G. Clemmer, Uniontown, engr.

W. Va., Beckley — Raleigh Co. election Apr. 18, $660,000 bonds, improving roads in Town Dist. H. M. Scott, Beckley, engr.

W. Va., Morgantown — Monongalia Co. voted $145,000 bonds, improving roads in Clinton Dist. A. J. Baritell, Morgantown, engr. Noted Feb. 19.

W. Va., Moundsville—City Council plans surveys paving 8th St., etc. $43,000. A. Purdy, Moundsville, engr.

North Carolina—State Hy. Comn., Raleigh, making plans and surveys grading, etc., 6.4 mi. State Project 477, Wake Co. $45,000. C. M. Upham, Raleigh, engr.

Ga., Louisville — Voted $32,500 bonds, surfacing various streets.

Fla., Bartow—Polk Co. election Apr. 7, $184,000 bonds, building and hardsurfacing 8 mi. Rd. 1, $80,000 bonds 3.5 mi. Rd. 2, $80,000 bonds 3.5 mi. Rd. 3, $34,500 bonds 1.5 mi. Rd. 4, $46,000 bonds 2 mi. Rd. 5, $27,000 bonds 1¼ mi. Rd. 8, $28,000 bonds 1.25 mi. Rds. 6 and 9, $46,000 bonds 2 mi. Rds. 7 and 10, $132,000 bonds 5.75 mi. Rd. 11, $41,000 bonds 1.75 mi. Rds. 12 and 13, $34,000 bonds 1.5 mi. Rd. 14, all foregoing in Dist. 12; $46,000 bonds asphalt on limestone paving 4 mi. Rd. 1, in Special Road and Bridge Dist (West side of Lake Howard), $66,000 bonds 6 mi. Rd. 2, $125,000 bonds 11 mi. Rd. 3 in Special Road and Bridge Dist. beginning at J. B. Scott Corner, $42,000 bonds 3.5 mi. Rd. 4, $36,000 bonds 3¼ mi. Rds. 5 to 8 (inclusive). J. D. Raulerson, clk.

Fla., Clearwater—Pinellas Co. voted $120,000 bonds, double surface treatment with tarvia B, stone chip cover on 6 in. rock 3.5 mi. Rd. 7, West Clearwater Ave.; $144,000 bonds vitr. brick paving with asphalt filler or equivalent 3.5 mi. Rd. 1, Johns Pass Rd., $169,000 bonds 4.25 mi. Rd. 2, Diston Blvd., $123,000 bonds (?) mi. Rd. 3, Clearwater Ave., $92,000 bonds 2.25 mi. Rd. 4, 16th St. N., $133,000 bonds 3.25 mi. Rd. 5, Seminole Blvd., $144,000 bonds 3.5 mi. Rd. 6, 9th Ave. N. K. B. O'Quinn, clk.

Fla., Manatee—Plans grading, paving and hard-surfacing portions of Griffin St. and South Ave., $32,954; portions of Center and East Manatee Sts., $33,001. C. J. Majory, clk.

Miss., Aberdeen — Bids which were to have been opened Mar. 27 called off owing to technical flaw in advertising, for grading and concrete surfacing 40,000 sq.yd. various streets. Will readvertise. A. L. Dabney, 820 Columbian Tower, Memphis, Tenn., engr. Noted Mar. 5.

Miss., Aberdeen—Made plans asphalt surfacing various streets. $25,000. W. P. Dabney, Columbian Tower Bldg., Memphis, Tenn., engr.

Miss., Laurel — Jones Co. making preliminary plans grading, hard-surfacing, etc., 15 mi. various streets. J. L. Wheless, Carter Bldg., Hattiesburg, engr.

Miss., Lucedale—George Co. making preliminary plans grading, paving, etc., 27 mi. various roads. J. L. Wheless, Carter Bldg., Hattiesburg, engr.

La., Baton Rouge—Police Jury on Roads & Bridges Com. of Baton Rouge Parish, soon takes bids 14 mi. road in Dist. 14. $300,000. A. G. Mundinger, Baton Rouge, engr.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, soon takes bids concrete surfacing 10 mi. Athens-Monroe Co. line Rd., 18 ft. and surfacing, probably waterbound macadam 5 mi. Morristown-Grainger Co. line Rd., 16 ft. J. G. Creveling, highway comr.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, soon takes bids surfacing 15 mi. Brownsville-Tipton Co. line Rd., Federal Aid Project 100, Haywood Co.; and concrete surfacing 8 mi. Clinton-Knox Co. line Rd., Anderson Co. J. G. Creveling, highway comr.

Tennessee—State Dept. Hys. & Pub. Wks., Nashville, making surveys improving 20 mi. Decatur-Roane Co. line Rd., Meigs Co., and 10 mi. road from Crockett Co. line to Federal Aid Project 39, Dyer Co. J. G. Creveling, highway comr.

Tennessee—State Dept. Hys. & Pub. Wks., Nashville, plans concrete surfacing 5 mi. Bells-Madison Co. line Rd., Crockett Co. J. G. Creveling, highway comr.

Tennessee — Dabbs & Elliott Co., plans macadam surfacing, concrete sidewalks, and concrete curbing, etc., subdivision at old Hickory powder plant. $25,000.

Tenn., Nashville — Plans asphalt on macadam surfacing 18th Ave. from Division St. to Belcourt Ave. To exceed $25,000. W. W. Southgate, City Hall, city engr.

Tenn., Nashville — Davidson Co. Hy. Comn. plans to expend $130,000 oiling, etc., various roads and repairing bridges. S. R. Johnson, Court House, chn.

Tenn., Sneedville — Hancock Co. plans election $150,000 bonds for roads.

O., Akron—W. F. Peters, dir. Pub. Serv., takes bids in spring, improving Merriman Rd., 10,850 sq.yd. vitr.-brick, 5,400 lin.ft. stone curbing, 34,300 sq.ft., 4 in. concrete sidewalks, 4,000 cu.yd. earth excav., 3,550 ft. 12- to 48-in. sewer, etc. $109,500, Palisades Dr. et. al., 32,950 sq.yd. vitr. brick, 600 cu.yd. concrete, 19,300 lin.ft. stone curbing, 107,000 sq.ft. 4 in. concrete sidewalks, 16,000 cu.yd. earth excav., 6,650 ft. 12- to 36-in. sewer, $294,000. E. A. Kemmler, Delaware Bldg. engr.

O., Barberton—Soon takes bids improving High St. $90,000. H. Alcorn, city engr.

O., Canton—Bd. Control soon takes bids resurfacing, curbing and widening 4th St., N. W. $40,000, improving 5th St., N. W. $25,000, and Clarendon Ave. $45,000 to $50,000. W. E. Sarver, City Hall, engr.

O., Girard—Soon takes bids improving West Wilson St. and Ward Ave. $65,000.

O., Lakewood (Cleveland P. O.)—Plans grading, curbing and paving Detroit and Riverside Alleys, Crest Lane, Athens, Edgewater, Emily, Gridley, Gola, Lincoln, and Margaret Sts. $176,557. E. A. Fisher, City Hall, engr.

O., Marion — Takes bids in spring improving Merkel Ave. $35,000, Gurley Ave. $40,000, and Spencer St. $50,000.

O., Salem—Bd. Control soon takes bids probably asphalt paving Cleveland Ave. $35,000, and West Pershing Ave. $40,000. B. M. French, Salem, engr. Noted July 10.

O., Youngstown—Bd. Control soon takes bids resurfacing and widening East Rayen Ave., $50,000; paving 1 mi. Shermood Ave., $35,000; and improving Avondale Ave., $45,000. G. Turner, city engr.

Streets and Roads (Continued)

Mich., Port Huron—Made plans asphalt or concrete paving 32,800 sq.yd. 10th Ave., Stone and Garfield Sts. $150,000. E. R. Whitmore, city engr.

Ind., Indianapolis—Marion Co., plans grading and graveling 3 mi. 52nd St. Rd., 30 ft. $25,600; concrete paving 45,192 sq.yd. Tibbs Ave. Rd. $130,919, 22,528 sq.yd. Lyndhurst Dr. Rd. $54,077, 12,320 sq.yd. Allisonville Rd. $32,586, and 23,936 sq.yd. Hardin Rd. $54,295. G. Schmidt, Indianapolis, engr.

Ill., Peoria—Plans grading, curbing and vitr. brick on concrete surfacing approximately ½ mi. East Virginia Ave., 24 to 30 ft. $25,000. J. J. Jeffries, City Hall, engr.

Wis., Green Bay—G. J. Cormier, highway comr. Brown Co., takes bids about Apr. 15, concrete surfacing, etc., 7,500 lin. ft. Green Bay-Shawano Rd., Highway 16, 1 mi. New Franken Rd., Highway 54, 2 mi. West Holland Rd., Highway 57, and 2 mi. Greenleaf-Lake Rd., Highway 96. J. T. Donaghey, Madison, engr.

Wis., Watertown — F. Weber, city clk., soon takes bids graveling and rein.-con. or vibrolithic concrete paving, etc., 11,754 sq. yd. 3rd and Water Sts. To exceed $25,000. A. Kraeft, City Hall, engr. Noted Dec. 4.

Ia., Albion—Plans surfacing ½ mi. Main St. to city limits. $25,000. A. Williamson, city clk.

Ia., Council Bluffs—Making preliminary plans grading, hard-surfacing, etc., 24 blocks Ave. I, South 10th, South 11th, South 7th and North 9th Sts., 16th, 21st, 26th and North 10th Aves. $65,819. J. H. Wayne, city engr.

Ia., Davenport — Postponed bids which were to have been opened Mar. 11, bitulithic or sheet asphalt surfacing 28,435 sq.yd., concrete or brick surfacing 4,519 sq.yd., etc., various streets, and concrete surfacing 19,074 sq.yd., etc., various alleys. Will readvertise. H. W. Phillips, supt. Dept. Pub. Constr. Noted Mar. 5.

Ia., Tecumseh — Plans surfacing North 3rd St. $26,000. R. C. Gore, Tecumseh, engr.

Minn., St. Paul—Making plans brick and sheet asphalt paving East 6th St. between Arcade and Earl Sts.; also sheet asphalt paving, etc Berkeley Ave. between Fairview and Cretin Aves. $40,000 each. G. M. Shepard, city engr.

S. D., Sioux Falls—Minnehaha Co., plans paving about 3 or 4 mi. roads leading into Sioux Falls. $90,000-$120,000. F. E. Ward, co. aud.

Neb., Plattsmouth — Cass Co. making preliminary plans grading and gravel surfacing, etc., 17 mi. King of Trails Rd. south to Otoe Co. line. $45,000. G. R. Sayles, co. engr.

Arkansas—State Hy. Dept., Little Rock, making preliminary plans grading and graveling 9 mi. El Dorado-Junction City Rd., 18 ft. R. C. Limerick, highway engr.

Ark., Pocahontas — City and Randolph Co. making preliminary plans grading and hard-surfacing various streets in downtown section. $35,000.

Tex., Anderson—Grimes Co. making plans grading, gravel surfacing and bridging 8.8 mi. State Highway 45, 16 ft. $121,500. O. A. Seward, Jr., Navasota, co. engr.

Tex., Anderson — Grimes Co. making plans grading, rein.-con. surfacing and bridging 6.71 mi. State Highway 6, 18 ft. $75,000. O. A. Seward, Jr., Anderson, co. engr.

Tex., Boston — Bowie Co. making plans grading and gravel surfacing 6.5 mi. State Highway 5, 16 ft. $40,000; grading, rein.-con. surfacing and bridging 10.37 mi. State Highway 1, 18 ft., $356,000. D. K. Caldwell, Texarkana, co. engr.

Tex., Center—Shelby Co. making plans and soon takes bids grading and gravel surfacing 5.02 mi. State Highway 35, Federal Aid Project 348-A, 16 ft. $84,500. Titus & Dillon, Center, co. engrs.

Tex., Clarksville—Red River Co. making plans grading and gravel surfacing 8 mi. State Highway 66, 12 ft. $45,000. A. J. Goode, Clarksville, co. engr.

Tex., Dickens — Dickens Co. plans improving 12.44 mi. State Highway 18, Federal Aid Project 446-A, 16 ft. $130,000. J. W. Alger, Dickens, engr.

Tex., Fairfield—Freestone Co. takes bids after Apr. 15, improving 10.03 mi. State Highway 7, 18 ft. $260,000. J. E. Johnson, Teague, engr.

Tex., Falfurrias—Brooks Co. takes bids after Apr. 15, concrete paving 3.52 mi. State Highway 12, Federal Aid Project 429-I, 18 ft. $82,800. R. Harrison, Falfurrias, engr. Noted Apr. 9.

Tex., Galveston—Election May 12, $250,000 bonds paving various streets. C. A. Holt, Jr., city engr.

Tex., Gonzales — Gonzales Co. making plans grading and asphaltic macadam surfacing 19 mi. State Highway 81, 18 ft. $336,000. J. G. Irby, Gonzales, co. engr.

Tex., Groveton—Trinity Co. election May 2, $1,500,000 bonds improving various roads. F. J. Berry, Groveton, co. judge. Engineer not announced.

Tex., Harrisburg—Voted $50,000 bonds paving various streets. J. S. Deady, Colorado and Elm Sts., mayor.

Tex., Jourdanton—Atascosa Co. making plans bituminous macadam surfacing and bridging 25.7 mi. State Highway 9, 18 ft., $680,000; bituminous macadam surfacing 4.7 mi. State Highway 9-A, 18 ft., $117,000. J. V. Carnutte, Jourdanton, engr.

Tex., Montague—Montague Co. election Apr. 11, $65,000 bonds roads construction. H. S. Calloway, Montague, co. judge.

Tex., Post — Garza Co. voted $150,000 bonds surfacing road leading northwest of here. J. M. Boren, Post, co. judge. Engineer selected soon.

Tex., Rock Springs—Edwards Co. making plans macadam surfacing 7.88 mi. State Highway 41, Federal Aid Project 430-A, 16 ft. $100,000. W. E. Simpson Co., Natl. Bank Commerce Bldg., San Antonio, engrs.

Tex., Seymour—Baylor Co. making plans asphaltic macadam surfacing, grading and bridging 13.68 mi. State Highway 30, Federal Aid Project 452-A, 16 ft. $90,000. J. G. Rollins, Seymour, engr.

Tex., Waco—Election May 12, $250,000 bonds street improvements. V. G. Koch, city engr.

Tex., Waco — McLennan Co. defeated $50,000 bonds improving Axtell Rd., Dist. 1. May call another election soon. M. Hannah, Waco, co. engr. Noted Mar. 5.

Tex., Whitesboro—Defeated $50,000 bonds street paving. Municipal Eng. Co., 715 Praetorian Bldg., Dallas, engrs. Noted Mar. 5.

Oklahoma—State Hy. Dept., Oklahoma City, making surveys grading and surfacing, etc. 5 mi. Jefferson Highway south of Crowder, 18 ft., Pittsburg Co. $150,000. J. M. Page, highway engr.

Okla., Alva—Plans grading, curbing and concrete surfacing 8,500 sq.yd. 2nd, 8th and Church Sts., Dists. 14, 16 and 18, $32,000. F. E. Devlin, 318 Sedgwick Bldg., Wichita, Kan., engr.

Okla., Fairfax — Plans grading, curbing and vitr. brick surfacing 5,580 sq.yd. 2nd St. $31,320. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

California — Joint High Dist. 2, (Santa Barbara) and San Luis Obispo Co. (San Luis Obispo), made plans grading 140,000 cu.yd. Cuyama Valley Highway. Burch & Beck, Commercial Bank Bldg., San Luis Obispo, engr.

Calif., Brea — Made plans improving various streets, 74,500 sq.ft. asphaltic concrete paving, 1,020 ft. 6 in. and 480 ft. 4 in. sewers and one 30 ft. concrete arch span bridge. $27,500. W. W. Hoy, Natl. Bank Bldg., Santa Ana, engr.

Calif., Carmel—Making plans 2,000 ft. 6 in. gravel and 7 in. concrete surfacing portions of 9th, 7th and 12th Aves., 18 ft. H. D. Severance, city engr. Noted Dec. 25.

Calif., Chico—Butte Co. (Oroville) made plans 3 in. asphaltic macadam on crushed rock base course surfacing 1.89 mi. Nord and Henshaw Aves., near here. H. H. Hume, Oroville, co. engr.

Calif., Delano — Making plans paving various streets. To exceed $25,000. J. Bates, Rowell Bldg., Fresno, engr.

Calif., Los Angeles — Making plans concrete paving, etc., east side of west basin. $35,000 or more. C. F. Nicholson, Los Angeles, harbor engr.

Calif., Pomona — Making revised plans 453,557 sq.ft. 6 in. concrete paving, etc., South Towne Ave. Former bids rejected.

Calif., Sacramento—Made plans 5.5 in. asphaltic concrete paving 1 mi. Stockton Blvd., 56 ft. A. J. Wagner, city engr.

Calif., Sacramento—Sacramento Co. making plans permanent paving approximately 12 mi. streets connecting improved sections of Garden Highway. C. W. Deterding, r. Sacramento, co. surv.

Calif., Salinas — Making plans grading, concrete curbing, 5 in. concrete paving portions of Pajaro St., and grading, concrete curbing, guttering, removing present waterbound macadam and placing 2.5 in. asphaltic concrete paving portions of Palmetto St. To exceed $25,000. H. Cozzens, city engr. Noted Dec. 4.

Calif., San Diego—Voted $130,000 bonds paving streets in and bordering Balboa Park. F. A. Rhodes, City Hall, engr.

Ontario—Dept. Provincial Highways, 110 University Ave., Toronto, plans 45,000 sq.yd. concrete paving $136,890, maintenance $2,150, gravel roads $15,000 in Essex Co. G. Hogarth, ch. engr.

Ontario—Dept. Provincial Highways, 110 University Ave., Toronto, plans asphalt paving 75,000 sq.yd. provincial highway from Bowmanville to Newcastle. $200,000. G. Hogarth, ch. engr.

Ont., Hamilton — Making plans asphalt paving, etc., 14,000 sq.yd. George St. $19,625, Park St. $14,740, Caroline St. $8,985, Hess St. $16,450. W. L. McFaul, city engr.

Ont., Hamilton — Plans asphalt paving George, Park, Caroline and Hess Sts. $60,000. W. L. McFaul, city engr.

Que., Montreal—Takes bids in April paving Gouin Blvd. in Ahuntsic and Bordwaux Wards, $245,000; also opening 2 mi. Decarie Blvd. from Cote St. Antoine to St. Laurent $400,000. H. A. Tetreault, City Hall Annex, dir. Pub. Wks.

Ont., New Toronto—Plans concrete curbing, guttering, storm sewers and Warrenite bitulithic paving 5,000 sq.yd. 5th St. $25,000. W. C. Millard, town clk.

Ont., Niagara Falls—Making plans curbing, guttering and asphalt paving 16,000 sq. yd. Valley Way, Armory, Buttery, Dora, Haywood, Homewood, Jepson, May, Morrison, Orchard, Oak, Robert, Robinson, Spring, Stamford, St. Lawrence, Temperance and Clifton Sts. $75,000. T. S. Scott, city engr.

Ont., Stratford — Plans asphalt paving 13,000 sq.yd. Douro, Avon, Bay, Milton, Youngs, Stratford, Church and Birmingham Sts. $50,000. A. B. Manson, city engr.

Ont., Toronto—Toronto & York Good Rds. Comn., 57 Adelaide St. E., plans macadamizing ½ mi. Kingston Rds., 2½ mi. Kennedy Rd., ½ mi. Langstoff Rd., ½ mi. Pine Orchard Rd., 2½ mi. Sutton Rd., 1 mi. Lloydtown Rd., 2½ mi. King Rd., 1¼ mi. York Rd., 2 mi. Vaughan Rd.; and granite curbing 1,000 lin.ft. Weston Rd. $500,000. E. A. James, 57 Adelaide St. E., engr.

BIDS DESIRED

R. I., Providence—Apr. 29, at the office of Water Supply Bd., City Hall, about 1 mi. earth road near Rockland and Ponaganset in Scituate. F. E. Winsor, ch. engr.; adv. E. N.-R. Apr. 9.

Massachusetts—Apr. 14, by Dept. Pub. Wks., State House, Boston, concrete paving 8,100 ft. highway in Agawam $80,000, 4,073 ft. highway in Andover $40,000, 6,183 ft., highway in Brookfield $60,000 and bituminous macadam paving 9,418 ft. highway in Paxton, $50,000. W. F. Williams, comr.

New York—Apr. 24, by A. W. Brandt, comr. highways, Albany, constructing highways in Allegany, Cattaraugus, Chautauqua, Delaware, Saratoga, Steuben and Sullivan Counties; reconstructing highways in Albany, Broome, Fulton, Otsego, Tioga and Orange Counties; adv. E. N.-R. Apr. 9.

N. Y., Brooklyn—Apr. 16, by Park Bd. at office Dept. Parks, 64th St. and 5th Ave., New York City, repairing with sheet asphalt and concrete pavement in parkways and park roads, here.

N. Y., Gloversville—Apr. 21, by Common Council, 10,300 sq.yd. rein.-con. paving, etc. H. J. Hanmer, city engr.; adv. E. N.-R. Apr. 9.

N. Y., Johnstown—Apr. 20, by G. E. Yerdon, city clk. rein.-con. paving Hall, Johnson, and Whitmore Aves., Bayard, West Green, South Market and West Clinton Sts.; adv. E. N.-R. Apr. 9.

N. Y., Long Island City — Apr. 14, by M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., sheet asphalt paving, etc. Charlotte Pl., 91st, Flushing, Jamaica, and Woodhaven Aves., Nurge, Troutman, 78th, and 101st Sts.

N. Y., New York—Apr. 12, by J. Miller, pres. Manhattan Boro, Municipal Bldg.,

Streets and Roads (Continued)

granite block repaving 1st Ave., and asphalt block repaving 177th St., etc.

N. Y., New York—Apr. 16, by J. Miller, pres. Manhattan Boro, Municipal Bldg., granite block paving, etc. Park (4th), 11th and West End Aves.

N. Y., St. George — Apr. 14, by J. A. Lynch, pres. Richmond Boro, Boro Hall, grading and concrete paving Hylan Blvd. from Brighton Ave. to highwater mark Arthur Kill, Contr. 5.

N. Y., St. George — Apr. 15, by J. A. Lynch, pres. Richmond Boro, Boro Hall, granite block repaving Bank St. and Richmond Terrace.

New Jersey—Apr. 20, by State Hy. Dept., Trenton, rein.-con. and gravel surfacing Route 4, Sect. 29, Barnegat-Manahawkin Rd., Ocean Co., also concrete, rein.-con. and recent granite block paving, etc. Route 5, Sect. 15A, Millburn Ave.-Irvington, Union and Essex Counties. A. L. Grover, secy.; adv. E. N.-R. Apr. 9.

New Jersey—Apr. 27, by State Hy. Dept., Trenton, rein.-con. and gravel surfacing Route 15, Sect. 7, Menantico Creek to Mauricetown Rd., Cumberland Co. A. L. Grover, secy.; adv. E. N.-R. Apr. 9.

N. J., Cape May—Apr. 29, by Bd. Chosen Freeholders Cape May Co., rein.-con. paving Roosevelt Blvd., Sects. 1 and 2, extending from Marmora to Ocean City. R. F. Smith, Marmora, co. engr.; adv. E. N.-R. Apr. 9.

N. J., Monmouth Beach — Apr. 27, by Boro Clerk, 8 in. rein.-con. pavement of slag or trap rock, or both. J. Strollo, Brent Good Bldg., Long Branch, boro engr.

Maryland—Apr. 14, by State Roads Comn., 601 Garrett Bldg., Baltimore, sheet asphalt paving 0.63 mi. Washington St., Baltimore, Contr. BC-48; adv. E. N.-R., Apr. 9.

Maryland—Apr. 21, by State Roads Comn., 601 Garrett Bldg., Baltimore, concrete paving 1.02 mi. Contr. M-56, Montgomery Co., and 0.68 mi. Contr. BC-51, Baltimore Co. graveling 2 mi. Contr. C-22, Calvert Co. J. W. Mackall, chn.; adv. E. N.-R. Apr. 9.

Md., Baltimore—Apr. 15, by Bd. Awards, sheet asphalt paving Calvert, Hanover and Charles Sts., Linwood and Fairmount Aves. B. L. Crozier, City Hall, highway engr.

Georgia—Apr. 24, by State Hy. Dept., East Point, concrete surfacing 5.076 mi. Atlanta-Newman Rd., Federal Aid Project 399-A, Coweta Co., and 137,000 gal. asphalt binder on 4.292 mi. Lawrenceville-Decatur Rd., Gwinnett Co. W. R. Neel, highway engr.

Ga., Americus—Apr. 24, by A. D. Gatewood, city clk., brick, concrete, asphalt or Willite surfacing 35,000 sq.yd. various streets.

Alabama—Apr. 15, by State Hy. Dept., Montgomery, clearing, grubbing, grading, etc., 17.237 mi. Greenville-Pineapple Rd., State Aid Project 7, Butler Co.; and 24.83 mi. Hunter Station-Chilton Co. line Rd., Federal Aid Project 148, Montgomery and Autauga Counties. W. S. Keller, highway comr.

Alabama — May 13, by State Hy. Dept., Montgomery, clearing, grubbing and grading, etc., 11.115 mi. road from Athens to Federal Aid Project 49, State Project 19, Limestone Co.; 5 mi. Cheatham Rd., Alabama Forest Project 1, Lawrence Co.; 17.78 mi. Wetumpka-Kellyton Rd., State Project 8, Elmore Co.; 12.216 mi. Ft. Payne-Valley Head Rd., State Project 13, DeKalb Co.; and 7.193 mi. Ozark-Troy Rd., State Project 37-B, Dale Co. W. S. Keller, highway engr.

Ala., Birmingham — May 1, by City Comn., asphalt on concrete surfacing 3 blocks 5th Ave., 50 ft. $42,150.

Tennessee—Apr. 24, by State Dept. Hys. & Pub. Wks., Nashville, (**F. A. P. means Federal Aid Project, S. A. P. means State Aid Project**), concrete or bituminous on concrete surfacing 3.42 mi. Haywood Co. line-Fayette Co. line Rd., 18 ft., F. A. P. 202, Tipton Co., 10.71 mi. Brownsville-Tipton Rd., 18 ft., F. A. P. 100, Haywood Co., 5.75 mi. Bells-Madison Co. line Rd., 16 ft., S. A. P. 165-B, Crockett Co., 5.43 mi. Clinton-Knox Co. line Rd., 18 ft., F. A. P. 82, Anderson Co.; 6 and 9 in. concrete surfacing 7.02 mi. Athens-Monroe Co. line Rd., 18 ft., F. A. P. 60, McMinn Co.; bituminous concrete surfacing 4.4 mi. S. A. P. 136, Franklin Co. line Rd., 16 ft., S. A. P. 103-B, Marion Co.; 6 in. slag surfacing 8.56 mi. Crossville-White Co. line Rd., 16 ft., S. A. P. 130-C, Cumberland Co.; bituminous macadam on crushed stone, or 2 in. bituminous concrete on concrete surfacing 3.11 mi. Morristown-Grainger Co. line Rd., 16 ft., S. A. P. 160-B, Hamblin Co.; rein.-con. drainage structures and head walls on 4 mi. Monteagle-Pelham Rd., S. A. P. 190, Grundy Co.; three 30 ft. span rein.-con. bridge over Trammel Creek, S. A. P. 127-B, Sumner Co. J. G. Creveling, highway comr.

O., Cincinnati—Apr. 17 by Director Pub. Serv., improving Court St., 200 sq.yd. granite block repaving 4,400 sq.yd. asphalt, 415 lin.ft. granite curbing, 2,500 lin.ft. cement sidewalks, $28,947; Augusta St., 3,200 sq.yd. granite block paving, 880 lin.ft. granite curbing, 1,000 sq.ft. cement sidewalks, etc., $34,839. F. Krug, City Hall, engr. Noted Feb. 19.

O., Cleveland—Apr. 18, by Comrs., Cuyahoga Co. paving, Bean Rd., No. 3 and State Rd. To exceed $75,000. F. Lander, Court House, engr.

O., Cleveland—Apr. 20, by Bd. Educ., Sixth St. Clair Bldg., grading and landscaping work at Thomas Jefferson and Paul Revere Schools. To exceed $25,000. Private plans.

O., Garfield Heights (Cleveland P. O.)—Apr. 14, vitr. brick, sheet asphalt or concrete paving, Edgepark Ave., Garfield Parkway and East 114th St. To exceed $25,000. R. F. Munz, Town Hall, engr.

O., Mansfield—Apr. 16, by H. C. Lynch, Dir. Pub. Serv. and Safety, paving with brick, block, concrete or asphalt, Dickson, Highland, Helen and Willis Aves., Flint, Ford, Henry, Poplar and West 3rd Sts., sheet asphalt surfacing Bowman, and Benton St., and Lexington Ave. Work involves about 12,100 cu.yd. and 16,000 sq.yd., grading, 35,000 sq.yd. paving, 14,300 lin.ft. curbing, etc.

Indiana—Apr. 15, by C. Gray, state engr., Indianapolis bituminous surface treating, 5.4 mi. State Rd. 12, Sect. M, and 5.41 mi. State Rd. 39, Sect. A-2, both Marion Co.

Indiana—Apr. 16, by C. Gray, state engr., Indianapolis, bituminous macadam on waterbound macadam paving, 83.398 mi. roads in Adams, Allen, Wells, Henry, Delaware, Grant, Ohio, Dearborn, Harrison, Floyd, Lawrence, Monroe, Morgan and Clark Counties.

Indiana—Apr. 21, by State Hy. Comn., Indianapolis, hard surfacing 88 mi. roads in various counties $2,400,000 and gravel surfacing 55 mi. highways in various counties. $700,000. C. Gray, highway engr.

Ind., Indianapolis — Apr. 14, by G. Schmidt, engr., concrete paving, 17,634 sq. yd. Hardin Rd. for Marion Co. $67,754.

Ind., Terre Haute — Apr. 10, by R. E. Givans, engr. Vigo Co., concrete surfacing 42,240 sq.yd. Myers Rd. $123,450.

Ill., Kenilworth—Apr. 14, by Bd. Local Impvts., J. C. Murray, pres., grading, curbing, sewers, concrete surfacing, etc. Kenilworth Ave. C. J. Taylor, city clk.

Wisconsin—Apr. 15, by State Hy. Comn., at Div. Office 3, Nicolet Bldg., Green Bay, improving 4.29 mi. Green Bay-Oconto-Marinette Rd., Federal Aid Project 392-A, Oconto Co., 4.36 acres clearing, 22,695 cu. yd. earth and 3,430 cu.yd. borrow excav., 50,947 sq.yd. concrete surfacing, etc.; 10.2 mi. Shawano-Antigo Rd.; (Phlox-Neopit Sect.) Federal Aid Project 376-A, Shawano Co., 34.98 acres clearing, 58,980 cu.yd. earth, 3,236 cu.yd. borrow, 1,676 cu.yd. loose rock and 1,032 cu.yd. solid rock excav., 19,442 cu. yd. gravel surfacing, etc.; and 4.97 mi. Shawano-Bonduel Rd., Federal Aid Project 345-A, Shawano Co., 24,672 cu.yd. earth, 225 cu.yd. loose rock and 542 cu.yd. solid rock excav., 59,557 sq.yd. concrete surfacing, etc. J. T. Donaghey, Madison, highway engr. Noted Jan. 22.

Wisconsin—Apr. 16, by State Hy. Comn., at Div. Office 8, First Natl. Bank Bldg., Superior, improving 6.33 mi. Hayward-Cable Rd., Federal Aid Project 406-A, Sawyer Co. and 2.36 mi. Seeley-Cable Rd., Federal Aid Project 406-B, Bayfield Co., 21.86 acres clearing, 58,080 cu.yd. earth, 4,840 cu.yd. borrow, and 10,300 cu.yd. loose rock excav., 17,761 cu.yd. gravel surfacing, etc. J. T. Donaghey, Madison, highway engr.

Wis., Kenosha—Apr. 14, by J. F. Herzog, highway comr. Kenosha Co., concrete surfacing, etc. 1.04 mi. Bristol Rd., 3.52 mi. Burlington Rd. and 1.94 mi. Somers Rd., all 18 ft. J. T. Donaghey, 444 Milwaukee St., Milwaukee, engr.

Wis., Madison—Apr. 24, by H. C. Buser, city clk., rein.-con. paving, etc. various streets. $260,000. E. E. Parker, City Hall, engr. Noted Mar. 5.

Ia., Iowa City—Apr. 15 at office Auditor Johnson Co., grading, etc., 5.054 mi. road south of here.

Minn., Benson—Apr. 20, by D. P. Carney aud. Swift Co., 59,176 cu.yd. Job 2501, 37,483 cu.yd. Job 2502, and 15,670 cu.yd. Job 2506. $25,000. L. R. Johnson, Benson, engr.

Minn., Buffalo — Apr. 21, by E. R. Anderson, aud. Wright Co., grading, etc. 7.4 mi. Job 2501, State Aid Road 9, 85,361 cu.yd. earth, 255 cu.yd. loose rock, and 225 cu.yd. solid rock excav., 31,957 cu.yd. overhaul, etc. $26,000. W. E. Duckett, Buffalo, engr.

Minn., Duluth — May 15, by W. H. Tischer, city comr., concrete curbing, sidewalks and concrete paving 9,473 sq.yd. 11th Ave. $42,831. J. Wilson, city engr.

Minn., Duluth — June 10, by W. H. Tischer, city comr., grading, curbing, and concrete paving 1,140 sq.yd. 45th Ave., East and Wyoming Sts. $54,075. J. Wilson, city engr.

Minn., Minneapolis—Apr. 15, by F. S. Gram city purch. agt., 5,282 cu.yd. binder, crushed lime stone or gravel, for City Street Dept. N. W. Elsberg, city engr.

Minn., St. Paul—Apr. 14, by H. W. Austin, city purch. agt., 3,700 bbls., portland cement, 2,030 cu.yd. crushed rock or washed gravel, 133,965 lbs. reinforcing, etc. for paving Snelling Ave. between Randolph St. and Otto Ave. G. M. Shepard, city engr.

Neb., Fall City—Apr. 13, by M. Naylor, city clk., asphaltic concrete or 6 in. concrete paving various streets.

Mo., Clayton—Apr. 15, by Clerk St. Louis Co. 100 cars 60-70 per cent road oil, delivered at any point in county as ordered during year. R. Jablonsky, Clayton, co. engr.

Mo., Steele—See "Waterworks."

Arkansas—Apr. 15, by State Hy. Dept., Little Rock, grading, bridging and gravel surfacing 8.93 mi. Federal Aid Project 221A, Union Co. 11.08 mi. Federal Aid Project 180-B, Poinsett Co., 2.57 mi. Leola Poyen Rd., Impvt. Dist. 4, Federal Aid Project 172-A, Grant Co., 9.37 mi. Federal Aid Project 190-B, Lee Co., and 5.05 mi. Federal Aid Project 192-B, Lee Co., all 18 ft. R. C. Limerick, highway engr.

Tex., Angleton—Apr. 24, by H. W. Munson, Jr., Angleton, surfacing with crushed rock, shell and bituminous topping 10.88 mi. State Highway 19, Federal Aid Project 367-B, 18 ft. $160,000; and 6.59 mi. Federal Aid Project 367-A, 18 ft., $90,000, for Brazoria Co. Noted Mar. 19.

Tex., Coleman—R. V. Wood, city clk., and Elrod Eng. Co., engrs., Elks Bldg., Sweetwater, taking bids surfacing 8,900 sq.yd. various streets with No. 1, 3 in. vertical fibre brick. $26,000.

Tex., Jacksboro—Apr. 14, by H. C. McClure, judge Jack Co., grading and bridging 12.84 mi. State Highway 25, State Aid Project 568-B, 26 ft. $79,000. G. R. Johnstown, Jacksboro, co. engr.

Tex., Karnes City — Apr. 17, by D. O. Klingeman, judge Karnes Co., grading and bridging 9.05 mi. State Highway 16, Federal Aid Project 434-D. $59,824. O. N. Powell, Karnes City, co. engr.

Tex., Memphis—Apr. 24, by A. C. Hoffman, judge Hall Co., grading, gravel surfacing and bridging 5.05 mi. State Highway 18, State Aid Project 572, 16 ft. $43,000. C. L. Hasle, Box 168, engr.

Tex., Linden—Cass Co. taking bids grading and bridging 9.45 mi. State Highway 48, Federal Aid Project, 457-C, $69,275; and 6 mi. State Highway 48, 18 ft. $60,000. F. E. Hess, Linden, co. engr.

Tex., Palestine — Apr. 14, by T. M. Campbell, Jr., aud. Anderson Co., grading and bridging 10.75 mi. State Highway 43, Federal Aid Project 453-C, 26 ft., $122,800; 9.75 State Highway 19, Federal Aid Project 403-C, 18 ft., $87,042. E. W. Davis, Palestine, co. engr. Noted Mar. 26.

Tex., San Augustine—Apr. 27, by W. C. Gray, judge San Augustine Co., grading and bridging 2.45 mi. State Highway 8, Federal Aid Project 562. $40,000. W. A. French, San Augustine, engr.

Tex., Waco — Apr. 27, by V. G. Koch, engr., Waco, improving 10 streets, 86,758 yd. paving, 7,651 yd. topping, 43,112 ft. gutter, 16,672 ft. curb, 21,440 yd. earth

Streets and Roads (Continued)

excav., etc., for City. $170,000. Noted Mar. 26.

Colo., Denver—Apr. 15, by Dept. Impvt. & Parks, asphaltic concrete paving 12 blocks each Capitol Hill Paving Dist. 17 $47,357, Dist. 18 $52,064, Dist. 19 $54,137, and Dist. 20 $60,160.

Colo., Denver—Apr. 16, by Dept. Impvt. & Parks, concrete paving 12 blocks each Alley Paving Dist. 120, $30,956 and Dist. 121, $31,492.

Colo., Denver—Apr. 17, by Dept. Impvts. & Parks, asphaltic concrete paving 12 blocks each Capitol Hill Paving Dist. 21 $57,230, Dist. 22 $148,623, Dist. 23 $50,629, and Dist. 25 $57,751.

Wash., Seattle—Apr. 20, concrete walks on Waters Ave., et al. $110,000. Former bids rejected. J. C. Blackwell, city engr. Noted Apr. 2.

Wash., Seattle—Apr. 27, by Comrs. King Co. grading and concrete paving 1½ mi. 10th Ave. N.E. from city limits to 110th St. $40,000. T. R. Beeman, Seattle, engr.

Wyoming—Apr. 14, by State Hy. Comn., Cheyenne, grading, etc. 15 mi. Big Piney-Daniel Rd., Federal Aid Project 177, Sublette Co. $109,000; and grading, surfacing, etc. 3 mi. Kirby-Worland Rd., Federal Aid Project 171, Washakie Co., $49,000. Z. E. Sevison, Cheyenne, highway engr.

California—Apr. 20, by State Hy. Comn., Sacramento, widening with asphaltic macadam surfacing 6.6 mi. highway between San Pablo Creek and El Ciervo, Contra Costa Co. R. M. Morton, Sacramento, highway engr.

California—Apr. 20, by State Hy. Comn., Sacramento, concrete paving, etc. 5.6 mi. highway between San Juan Creek and Galivan, Orange Co. R. M. Morton, highway engr.

Calif., Lakeport — City Trustees taking bids 6 in. vibrolithic concrete paving, etc., Main St. To exceed $50,000. R. E. Donohue, city engr. Noted Oct. 2.

Calif., San Diego—Apr. 20, by A. H. Wright, city clk., improving Irving Ave. and N St., 211,320 sq.ft. 1.5 in. asphaltic concrete on 2.5 in. bituminous, 1,789 sq.ft. concrete sidewalks, etc. F. A. Rhodes, city engr.

Quebec—Apr. 17, by J. L. Boulanger, deputy minister highways, Quebec, Amiesite surfacing 25.053 mi. road in Laprairie Parish.

Ontario—Apr. 20, by S. L. Squires, deputy minister Dept. Pub. Highways, Parliament Bldg., Toronto, concrete paving 64.26 mi. various roads, $2,275,000, asphaltic concrete paving 7.44 mi. various roads, $300,00, penetration macadam paving 10.4 mi. various roads, $200,000, waterbound macadam paving 18.08 mi. various roads. $350,000; grading various roads 10,000. G. Hogarth, ch. engr.

BIDS RECEIVED

Rhode Island—State Bd. Pub. Rds., State House, Mar. 25, from Framigliette Bros., 166 Bway., Providence, bituminous macadam paving, penetration method, Job 2501 $152,747, 2502 $57,290, and 2503 $54,966. Noted Mar. 12.

N. Y., Brooklyn — J. A. Guider, boro pres., Boro Hall, Apr. 1, from W. J. McHale Contg. Co., 1250 Jefferson St., grading, curbing, etc., Bay Ridge Ave. $3,248, from J. F. McHugh, East 42nd St. $1,866, from Grimm Contg. Co., 170 McKinley St., East 28th St. $2,315, from G. M. Mandatto, 129 29th St., West 6th St. $4,630, 76th St. $2,923, 66th St. $3,472, 80th St. $2,469, from T. V. Scott, 671 Halsey St., Ave. T, $1,396, 54th St. $1,729, from Carberry-Block Corp., 45 South 9th St., 80th St. $3,162; from Cranford Co., 52 9th St., asphalt paving Bay Ridge Ave. $7,886, 71st St. $7,492, 76th St. $7,418, 82nd St. $8,682, from Cleveland Trinidad Asphalt Paving Co., Flushing, East 28th St. $4,340, East 31st St. $3,780, from M. J. O'Hara, 717 65th St., Ave. T $3,468, 76th St. $7,243, 77th St. $7,503; from Brooklyn Alcatraz Co., 407 Hamilton Ave., recurbing and asphalt paving 6th Ave. $6,995, Bway. $10,476. Noted Mar. 26.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Apr. 6, sheet asphalt repaving Lincoln and Van Wyck Aves. from Uvalde Asphalt Paving Co., 1 Bway., New York City, $97,650 and $63,645 respectively, Fresh Meadow Rd., from W. P. MacDonald Constr. Co., 342 Madison Ave., New York City, $67,775, Old South Rd. from city line to Woodhaven Ave. and Old South Rd. from Long Island R.R. to Three Mile Mill Rd., from Sicilian Asphalt Paving Co., 41 Park Row, New York City, $68,460 and $162,240 respectively. Noted Apr. 2.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., Apr. 1, repairing wood block, granite block and oak key block pavements in railroad area, from C. Helbock Co., 633 Wales Ave., $42,400; repairing asphalt pavement in railroad area, from Cleveland Trinidad Paving Co., Flushing, $72,300; repaving East 124th St., from Gaffney Constr. Co., 50 East 42nd St., $7,909; granite block repaving West 124th St., from Asphalt Constr. Co., 208 Bway., $22,689; laying and relaying sidewalks when and where directed in 1925, from J. Meehan & Sons, 74 Cortlandt St., $16,981. Noted Mar. 26.

N. Y., New York—H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., Apr. 2, grading, setting curb, and sidewalks on Sagamore St., from C. L. Strada, $17,553; sheet asphalt paving Holland Ave., from C. D. Beckwith, 2875 Bway., $23,369, and Sheridan Ave. from Gaffney Constr. Co., 50 East 42nd St. $26,371.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro., Apr. 1, grading and concrete paving Hylan Blvd., Contr. 4, from Vanbro Constr. Co., 24 Elizabeth St., West New Brighton, $259,871. Noted Mar. 26.

N. Y., St. George—J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous concrete repaving Stuyvesant Pl. and Bway., from J. E. Donovan, Richmond Terrace, Port Richmond, $30,263. Noted Apr. 2.

N. J., Deal—Ocean Twp. at Oakhurst, concrete paving 8,280 sq.yd. Roseld Ave., from R. B. Cahill Co., Newark, $33,884. Noted Mar. 12.

N. J., Williamstown—Bd. Freeholders Gloucester Co. (Woodbury), concrete paving 40,158 sq.yd. Crosskeys-Williamstown Rd., here, from Acchione & Canusso, 804 South 12th St., Phila., $144,726.

Maryland—State Rd. Comn., Baltimore, concrete paving 1.72 mi. Contr. Q-33, Queen Annes Co., from P. D. Phillips & Bros., Main and Division Sts., Salisbury, $41,991; 3 mi. Contr. B-12 D, Baltimore Co., from P. Reddington & Son, 2 East Lexington St., Baltimore, $31,623; 1.5 mi. Contr. K-26, Kent Co., from Kauffman Constr. Co., Denton, $24,355; 2.03 mi. Contr. K-28, Kent Co., from Slacum, Brohawn & Woolford, Cambridge, $51,805; 5 mi. Contr. B-20-B, 1.5 mi. Contr. B-1A, and 2 mi. Contr. B-68, all Baltimore Co., from H. D. Campbell & Sons Co., Towson, $49,345, $15,264, and $71,462 respectively; 1.23 mi. Contr. CL-49, Carroll Co., from Thomas, Bennett & Hunter, Westminster, $35,307. Noted Mar. 26.

Md., Baltimore—Bd. Awards, City Hall, cement paving 15,930 sq.yd. Contr. 274-Na, from Aiello Constr. Co., Gough and 4th Sts., $41,336; sheet asphalt paving 9,900 sq.yd. Contr. 275-OCOA, from P. Flanigan & Son, Harford Rd. and Baltimore & Ohio R.R., $55,024. Noted Mar. 26.

O., Cincinnati — Comrs. Hamilton Co., Mar. 27, 200,000 gal. tar, grade 1 to Repair Dept., from Barrett Coal Tar Co., 517 Carr St., Cincinnati, $23,840. Engrs. est. $24,000. Noted Mar. 19.

O., Idlewood (Cleveland Heights P. O.)—Improving (1) Bushnell Rd. (2) Channing Rd. (3) Cranston Rd. (4) East Scarborough Rd. (5) East Meadowbrook Blvd. (6) Eaton Rd. (7) Edgarton Rd. (8) Fenwick Rd. No. 1 (9) Fenwick Rd. No. 2 (1 to 9 inclusive) involves 40,700 sq.yd. sheet asphalt, 24,150 lin.ft. stone curbing, 28,550 lin.ft. 4 in. drain tile gutter, 16,800 cu.yd. earth excav., (10) Lansdale Rd. (11) Meadbourne Rd. (12) Saybrook Rd. (13) Traymore Ave. (14) Tyndall Rd. (15) Vernon Rd. (16) Washington Blvd. (17) Westwood Rd. (10 to 17 inclusive) involves 36,600 sq.yd. sheet asphalt, 20,100 lin.ft. stone curbing, 21,400 lin.ft. 4 in. drain tile gutter, 15,700 cu.yd. earth excav., from Cleveland Trinidad Paving Co., The Arcade, Cleveland, (1) $39,907 (3) $19,384 (4) $19,006 (6) $43,733 (7) $21,013 (9) $19,920 (10) $16,425 (15) $9,015 (16) $54,348 (17) $11,834; from Bentley Bros., 3030 Euclid Ave., Cleveland, (2) $25,084 (5) $21,859 (12) $36,597; from Highway Constr. Co., 903 Lorain Co. Bank Bldg., Elyria, (8) $37,869 (11) $61,821 (13) $37,297 (14) $12,989.

Ill., Highland Park—Concrete surfacing 8,900 sq.yd. and 12 in. macadam surfacing 150 sq.yd. various streets, from Western Impvt. Co., 840 9th Ave., Racine, Wis., $43,082. Engrs. est. $53,000. Noted Sept. 25.

Ill., Knoxville—Streets & Alley Comn., vitr. brick on concrete and sand surfacing about 1 mi. Main St., from Central Eng. Co., 809 Putman Bldg., Davenport, Ia., $94,267. Noted Mar. 12.

Wis., Janesville — Commissioner Pub. Wks., Mar. 26, from Matthes Coal & Constr. Co., Davenport, Ia., improving Pease Court, Terrace, Madison, Ravine, Galena, Walker, Glen, North 1st, Caroline, Augusta, East, Wisconsin, South 2nd, South Racine, Logan, Wheeler and Jackson Sts., Prospect and St. Lawrence Aves., Garfield Ave. from Court St. to Oakland Ave. and Garfield Ave. from Wheeler to Carrington Sts., 30,700 cu.yd. excav. at $0.54 per cu. yd., 104,000 sq.yd. rein.-con. paving $[illegible], 17,300 ft. concrete curb and gutter $[illegible], etc. Noted Mar. 19.

Wis., Milwaukee—Dept. Pub. Wks., R. Stoelting, comr., concrete paving 1 alley each from Milwaukee Genl. Constr. Co., 427 Mitchell St., $6,317, from J. Bluhm & Son, 1298 Achilles Pl.; $3,582, from W. F. Hunt, 1036 1st St., $6,567, and from Parkinson Constr. Co., 322 27th St., $4,236; 2 alleys each from C. Slattery, 584 71st Ave., West Allis, $8,393, and from F. Blodgett, 521 Newton Ave., $17,897; 3 alleys, from Schwerm Bros., 50 Lee St., $14,931. Noted Mar. 26.

Ia., Indianola—E. M. Wilson, city clk., Mar. 23, 36,000 sq.yd. surfacing and 27,000 sq.yd. resurfacing various streets, from C. F. Lytle, 105 6th St., Sioux City, 6 in. rein.-con., gravel at $2.13 per sq.yd., 6 in. rein.-con., limestone $2.15, 7 in. rein.-con., gravel $2.19, 7 in. rein.-con., limestone $2.14; from G. Lambert, 1400 Prospect Ave., Des Moines, vibrolithic $2.36; from Nelson & Maine, Council Bluffs, brick $3.05 and $2.70, also 7 in. rein.-con. $2.19. Noted Mar. 12.

Tex., El Paso—E. B McClintock, judge El Jaso Co., Mar. 24, grading and surfacing with extensions to present concrete base and black base with 1 or 1½ in. topping 15.62 mi. State Highway 1, Federal Aid Project 439-E, from S. D. Mangum & Co., El Paso, $315,112. Engrs. est. $403,740 incl. 10% for engineering and contingencies. Noted Mar. 12.

Tex., Henrietta—J. P. Williams, judge Clay Co., Mar. 24, grading and bridging 7.14 mi. State Highway 5, Federal Aid Project 448-A, 28 ft., from J. P. Foty, Vernon, $73,279. Engrs. est. $83,465. Noted Mar. 5.

Tex., Houston—Harris Co., grading and bridging State Highway 35,820 cu.yd. concrete, 3,170 cu.yd. grading, 125,506 lb. reinforcing from Bates & McClendon, Houston, $36,171. Engrs. est. $40,000 incl. 10% for engineering and contingencies.

Tex., Post City—M. Mason, mayor, paving with 6 in. rein.-con., 2½ or 3 in. vertical fibre brick on 5 in. concrete 34,260 sq.yd. various streets, from Thurber Constr. Co., Ft. Worth, $120,542. Engrs. est. $100,000.

Tex., Sinton—San Patricio Co., grading and mudshell surfacing 6.38 mi. State Highway 57, Federal Aid Project 377-B, from M. E. Ruby, Blanco, $66,226. Engrs. est. $75,136. Noted Mar. 12.

Tex., Sweetwater — Nolan Co., grading and bridging, etc., 15.31 mi. State Highway 1, Federal Aid Project 444-D, 26 ft., from Hannah Constr. Co., Box 994, Waco, $43,728. Engrs. est. $108,640. Noted Mar. 5.

Calif., Fresno—Fresno Co. widening with concrete shoulders 5.9 mi. highway between point 2 mi. north of Fresno and Herndon, from Western Paving Co., Livingston, $37,505.

Calif., Los Angeles—Supervs. Los Angeles Co., Mar. 23, improving Hawthorne Ave., 13,783 cu.yd. excav., 25,172 sq.yd. shape roadbed, 24,032 sq.yd. 2 in. Willite surface, 25,172 sq.yd. 5 in. disintegrated granite sub-base, 20,150 ft. shape shoulders, etc., from G. H. Oswald, 366 East 58th St., approximately $55,100.

CONTRACTS AWARDED

Mass., Boston—Dept. Pub. Wks., repairing artificial stone block sidewalks in Dorchester, Roxbury, West Roxbury, and city proper as required during 1925, to J. J. McCarthy & Co., 121 Boston St., Dorchester, $0.295 per sq.ft.

R. I., Central Falls—Bd. Street, Water & Sewer Comrs., City Hall, granite block paving 7,000 sq.yd. Broad St., to Simpson Bros. Corp., 77 Summer St., Boston, $3.85 per sq.yd. Engrs. est. $25,000. Noted Mar. 19.

R. I., East Providence (Providence P. O.)—To J. McCormick, 315 Taunton Ave., Providence, curbing and bituminous macadam paving John St. $5,887, James St. $13,662, Purchase St. $9,110, 5th St. $4,278, Roger Williams Ave. $14,395. Noted Apr. 2.

N. Y., Buffalo—Paving repairs during year 1925, to Rock Asphalt & Constr. Co., Morgan Bldg., Buffalo, $350,000.

Streets and Roads (Continued)

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., grading, curbing, sidewalks, etc., on Charlotte Pl., to C. Kurth, 9519 126th St., Richmond Hill, $4,335; Roosevelt Ave., to Welsh Bros. Contg. Co., 32 Queens St., Astoria, $19,165; 86th Ave., to P. J. Greenough Eng. Co., 9301 86th Rd., Woodhaven, $4,067; 101st St., to J. J. O'Brien Jr., William St., Jamaica, $6,315; Cornaga Ave., to H. J. Mullin Contg. Co., Jamaica Ave. and 144th St., Jamaica, $1,573. Noted Apr. 2.

N. Y., New York — H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., to Asphalt Constr. Co., 208 Bway., sheet asphalt paving Walton Ave., $116,387; to Interboro Asphalt Co., 2306 Creston Ave., sheet asphalt paving Monterey Ave. $19,234; bituminous concrete paving East 207th St. $18,198; to C. D. Beckwith, 2875 Bway., sheet asphalt paving St. Lawrence Ave. $34,217; to Burnside Contg. Co., Burnside Ave., grading, curbing, etc., Gouverneur Ave. $9,331; to T. DiRoma, 33 Evelyn Pl., grading, etc., Wilson Ave. $17,820, to Gramaglia Bros., DeWitt Pl., $6,289. Noted Apr. 2.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, grading and concrete paving Hylan Blvd., to J. Kelly, 1150 Forest Ave., West New Brighton, $210,399. Noted Mar. 26.

N. J., Pennington — Bd. Freeholders Mercer Co., Trenton, concrete paving 20,345 sq.yd. Main St., here, to Barrett Paving Co., Hoffman Ave., Trenton, $85,845.

N. J., Trenton—Bd. Freeholders Mercer Co., 57,220 gal. grade B or U.B. and 56,085 gal. grade X or U3, tars for surface treatment and penetration work on 29 mi. roads, to Barrett Paving Co., Hoffman Ave., $27,259. Noted Mar. 19.

Pennsylvania—State Hy. Dept., Harrisburg, **(R. means Route and A. Application)** to F. D. Ross, Bradford, rein.-con. surfacing 48,900 sq.yd. R. 211, Sect. 1, McKean Co., $3.25, per sq.yd., total $270,216, to C. W. Blakeslee & Sons, 58 Waverly St., New Haven, Conn., 112,250 sq.yd. R. 335, Wayne Co., $3.41, $532,906, to W. H. Nicely Co., Ligonier, 9,970 sq.yd. R. 302, Westmoreland Co. $3.45, $47,658, to J. I. Dick, Scottdale, R. 181, A. 3003, Westmoreland Co., $3.25, $148,265, to Sherman & Rhodes, Bridgville, Del., 54,100 sq.yd. R. 164, Carbon Co., $3.10, $360,624, to D. L. Risser, Lebanon, 51,400 sq.yd. R. 285, Berks Co., $3. $218,576, to Standard Constr. Co., Altoona, 11,400 sq.yd. R. 228, A. 3173, Allegheny Co., $3.71, $60,781, to J. Weisner, St. Marys, 18,780 sq.yd. A. 2044, Clearfield Co., $2.87, $81,295, to Miller Constr. Co., Punxsutawney, 166,900 sq.yd. R. 107 Center Co., $3.40, $841,599, to Frazier & Mansfield, McKeesport, 33,100 sy.yd. R. 181, A. 3004, Westmoreland Co., $3.53, $166,358, to C. H. Fry Constr. Co., Erie, 28,000 sq.yd. R. 85, A. 3066 and 3067, Erie Co. $3.20, $115,982, to D. Schoentag, Saugerties, N. Y., R. 78,700 sq.yd. R. 14, Bradford Co. $3.50, $460,218, to Continental Contg. Co., Knickerbocker Bldg., Baltimore, Md., 8,300 sq.yd. R. 149, Berks Co. $3.60 and $3.80, $74,616; to S. J. Groves & Sons Co., Montreal and Cleveland Aves., Minneapolis, Minn., grading R. 275, Perry Co., 238,150 cu.yd. unclassified excav. $1.15, 20,300 cu.yd. borrow excav. $0.50, $379,363, to Snead & Burgess, Fork Union, Va., R. 7, Pike Co., 59,280 cu.yd. unclassified excav. $1.49, 6,623 cu.yd. borrow $1.49, $135,856. Noted Mar. 26.

Pa., Altoona — B. Keatley, comr. City Council, City Hall, for concrete paving 12,100 sq.yd. various streets, to E. L. Grannas, Altoona, $45,435; 16,900 sq.yd. various streets, to L. R. Mathieu & Sons, Altoona, $63,570. Noted Mar. 26.

Pa., Phila. — Bureau Hys., Dept. Pub. Wks., to Curtis Bros., State Rd., grading Aldine, Bleigh, Crispin, Leon and Tudor Sts. $35,439, to Morrissey Bros., 4345 North 7th St., B and Lowden Sts. $4,705, to McNicol Paving & Constr. Co., 1319 Cherry St. Ditman St. $8,781, to R. B. Wenner, 2313 Walnut St., Dover St. $1,052, to H. A. McClermox, 13th St., 65th and 66th Sts. $4,811; to Eastern Asphalt Co., Colonial Way, asphalt repaving Allegheny St. $64,662, York St. $25,986, to Union Paving Co., 30th and Locust Sts., Baltimore St. $52,969, Market St. $111,616, redressed granite block repaving Richmond St. $52,079, 60th St. (track area) $34,378; to Barber Asphalt Co., 30th and Race Sts., asphalt repaving Tasker and 23rd Sts. $22,140, Wood St. $3,711, improving intersection 9th St. and Roosevelt Blvd. $5,240, paving Bensalem Ave. Bridge over Pennypack Creek $24,235; to Municipal Paving Co., 702 Catharine St., redressed granite block repaving Christian St. $39,368, 2nd St. $42,774, to C. G. Centrone, Jefferson Bldg., Station St. $1,792, to Acchione & Canuso Paving Co., 804 South 12th St., 7th St. $12,143, to Mazzola & Marano, 739 South 7th St., 11th St. $89,140; to J. F. and P. O'Roarke, 925 South 47th St., curb and footway work (city to pay) $11,599; to City Paving Co., 732 Kater St.; paving and repaving certain alleys $2,595. Noted Apr. 2.

Md., Towson — Comrs. Baltimore Co., Courthouse, concrete paving 1.3 mi. Monkton Manor Rd., to P. Reddington & Son, 2 East Lexington St., Baltimore, $38,425. Noted Mar. 26.

W. Va., Buckhannon—Upshur Co., grading Kanawha Rd. to Webster Co. line, to Mace Constr. Co., Webster Springs, $99,882.

W. Va., Clarksburg — Bituminous macadam surfacing 3,600 ft. and concrete surfacing 3.75 mi. Laura Lee St. to Sardis Dist. line, to W. F. Allen & Co., Clarksburg, $53,000.

W. Va., Clarksburg—Harrison Co. grading 3.75 mi. Meadow Brook and Ten Mile Rds., to P. S. Hornor, Clarksburg, $27,835.

W. Va., Philippi — Barbour Co. paving 6.84 mi. roads in Union Dist., to Gillooly & Marshall, Buckhannon, $279,600.

Fla., Tampa—Hillsborough Co., to R. E. Garetson, Tampa, 4 in. vitr. brick on rock paving 7,868 sq.yd. portion of Silene and 3rd Aves., at Belast Pt., $35,473, to W. L. Harwell, 721 South Orleans Ave., 2½ in. asphalt block paving 3,351 sq.yd. of the above avenues, $13,098; to Union Paving Co., 30th and Locust Sts., Phila., Pa., grading, curbing and 2 in. filbertine on 5 in. lime rock surfacing portions of Grady and Barceleno Aves. $40,000, portions of Clark and Palmwa Aves. $40,000, portion of Lois Ave. $40,000, Hubert Ave. $40,000, Manhattan St. $91,350, portions of Granada Ave., etc. $41,000, portion of Empedrado and Santiago d. $41,000, portions of San Pedro and Obispo Rds. $48,000, portions of Tacon and San Louis Rds. $47,000, portions of Leona and Corona Rds. $47,000, portions of Sevilla and Vasconia $47,000, portions of Bay to Bay Blvd. $47,000, all foregoing in Maryland Monor subdivision.

Ala., Capitol Heights — Concrete surfacing 26,000 sq.yd. Capitol and St. Charles Aves., to Couch Constr. Co., Troy, $50,700.

Miss., Hattiesburg—Forest Co. Dist. 1, grading and Warrenite bitulithic surfacing 137,425 sq.yd. Paving Dist. 1, to Myers Constr. Co., Hattiesburg. Noted Mar. 12.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, **(F. A. P. means Federal Aid Project, S. A. P. means state Aid Project)**, grading, etc., 17.56 mi. Benton-Georgia State line Rd., S. A. P. 192, Polk Co., incl. 2 bridges over 20 ft. span, to Corum Bros., Madisonville, $69,516, 14.04 mi. Helenwood-Kentucky State line Rd., S. A. P. 191, Scott Co., incl. 3 concrete bridges over 20 ft. span, to Mason Constr. Co., Elizabethtown, Ky., $144,694, 14.75 mi. Milan-Weakley Co. line Rd., S. A. P. 193, Gibson Co., to Cresap Bros. Constr. Co., Humbolt, $83,481; grading and waterbound macadam surfacing road 10.02 mi. point near Rogersville to Pressmans Home, S. A. P. 176, Hawkins Co., incl. 2 timber bridges, to Freeman-Roberts Constr. Co., Knoxville, $144,689; concrete surfacing 5.23 mi. Knox Co. line-Lenor City Rd., F. A. P. 207, Loudon Co., to R. M. Calloway Constr. Co., Lenoir City, $133,240, 9.41 mi. Milan-Madison Co. line Rd., S. A. P. 167, Gibson Co., to Lawrence Constr. Co., Jackson, Miss., $227,644; rock asphalt surfacing 0.98 mi. Gallatin-Davidson Co. line Rd., S. A. P. 194, Sumner Co., to Federal Constr. Co., Nashville, $18,280. Noted Mar. 19.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, grading, gravel surfacing, etc., 7.5 mi. road from Sta. 399 to Savannah, 16 ft., State Aid Project 187-B, Hardin Co., to Pitts Bros. Constr. Co., Mt. Pleasant, $150,208. Noted Mar. 19.

O., Dayton — Montgomery Co. brick on concrete paving 15,000 sq.yd. Watervliet Ave. through Belmont, to J. I. Geiger, 28 Maple St., $78,414. Engrs. est. $100,000.

O., Idlewood (Cleveland Heights P. O.)— Concrete sidewalks on Jones St., to J. H. Martin, 2000 B. F. Keith Bldg., Cleveland, $1,982; 2 streets, to P. H. DeSantis, East 22nd St., Cleveland, $7,626; 7 streets, to F. B. Stein, Euclid, $18,922.

Indiana—C. Gray, engr. State Hy. Dept., Indianapolis, concrete paving 45,427 sq.yd. Anderson-Marion Rd., in Madison Co., to McMahon Constr. Co., Rochester, $87,101; 87,575 sq.yd. Pendleton Pike, in Madison Co., to McCoun Constr. Co., Noblesville, $171,829; 110,123 sq.yd. Connersville-Cambridge City Rd., in Fayette Co., to Eldorado Paving Co., Eldorado, $174,664; 70,438 sq.yd. Anderson-Muncie Rd., in Delaware Co., to Mannix Bros., Greenville, O., $122,240; 60,104 sq.yd. Anderson-Muncie Rd., in Madison and Delaware Counties, to Hinton & Smalley, Celina, O., $108,613; 101,793 sq.yd. Elkhart-Middlebury Rd., in Elkhart Co., to C. E. Holderbaum Co., Columbia City, $204,704; 96,094 sq.yd. Louisville Rd., in Jackson Co., to Jenkins & McKensie, Franklin, $182,323; 12.002 mi. Federal Aid Rd. 83, Sects. A and B, in Madison and Grant Counties, to H. A. Carpenter Co., Evansville, $216,482; 11.976 mi. Federal Aid Rd. 46, Sects. A and B, Hancock and Madison Counties, to Wabash Constr. Co., Vincennes, $234,708. Noted Mar. 12.

Ind., Indianapolis — G. Schmidt, engr. Marion Co., **(e. e. means engrs. est.)**, to Emulsified Asphalt Co., Hume-Mansur Bldg., asphaltic concrete paving 15,206 sq. yd. Kassebaum Rd., $55,573, e. e. $56,800, 2.69 mi. Fitch Rd. $109,386, e. e. $116,327, asphaltic macadam paving 22,704 sq.yd. Esmon Rd. $75,170, e. e. $77,000; to A. D. Bowen, 2242 Bway., concrete paving 25,555 sq.yd. McGregor Rd., $78,316, e. e. $82,437. Noted Mar. 19.

Ia., Iowa City—Concrete surfacing 12,200 sq.yd. various streets, to P. P. Smith Co., 1600 Washington Ave., Cedar Rapids, about $30,000.

Ia., Ottumwa—M. L. Holman, city clk., 3 in. brick on concrete paving 14,672 sq.yd. Vogel, Davis and Weller Sts., to J. C. Blunk, Ottumwa, $47,433. Noted Mar. 19.

Michigan—State Hy. Dept. at office Comrs. Bay Co., Bay City, grading and concrete surfacing 1.982 mi. road, to Dovey Paving Co. Batavia, $27,912. Noted Mar. 5.

Michigan—State Hy. Dept. at office Comrs. Kent Co., Grand Rapids, grading and gravel surfacing 2.602 mi. Bostwick-Lake-Canonsburg Rd., to J. L. Albert, Swanson, $29,452. Noted Mar. 19.

Michigan — State Hy. Dept., Lansing, grading and gravel surfacing 4.5 mi. road, Washtenaw Co., to Koch Building & Supply Co., Ann Arbor, $27,569.

Wis., Columbus — W. H. Pietzner, city clk., one course concrete paving, etc., 13,088 sq.yd., various streets, to O'Dea & Shafer, c/o Genl. Del., Madison, $45,472. Noted Apr. 2.

Wis., Elkhorn—H. J. Peters, highway comr., Walworth Co., grading, curbing, guttering and paving 4 mi. Lake-Geneva-Williams Bay Rd., 36,660 sq.yd. 18 in. and 9,500 sq.yd. 27 in. concrete, to R. Birdsall Constr. Co., 1025 12th St., Racine, $94,512. Noted Apr. 2.

Wis., Kenosha—J. F. Herzog, highway comr., Kenosha Co., concrete surfacing, etc. Silver Lake-Twin Lakes Rd., to J. R. Griffith Co., 1500 9th St., Racine, $134,978. Noted Mar. 19.

Wis., Manitowoc — A. H. Zander, city clk., rein.-con. paving 41,984 sq.yd. New York Ave., South 14th and Marshall Sts., to Zendala Constr. Co., 1020 South 25th St., Manitowoc, $105,551. Noted Mar. 26.

Wis., Prairie du Chien—W. Beuthin, city clk., for rein.-con. paving, etc., 35,334 sq.yd. various streets, to Welsh Paving Corp., 703 1st Iat. Soo Line Bldg., Minneapolis, Minn., at $2.04 per sq.yd. Noted Mar. 5.

Minn., St. Paul — H. W. Austin, city purch. agt., to Thornton Bros., 318 Endicott Bldg., sheet asphalt paving Carroll Ave. $25,000, Cromwell and Bayless Aves. $24,478, Montrose Pl. $14,732; to Hanlon & Okes, 1501 Merchants Natl. Bank Bldg., brick and sheet asphalt paving Beech St., $23,988. Noted Apr. 2.

South Dakota—State Hy. Comn., Pierre, **(F. A. P. means Federal Aid Project)**, to Johnig & Davis, Britton, grading 13.85 mi. F. A. P. 171 C, Marshall Co., 2,714 yd. loose rock and 87,660 yd. common excav., etc., $40,376, to Dowd Bros. & Schreiber Eng. Co., Watertown, 12.3 mi. F. A. P. 134 B, Beadle Co., 350 yd. loose rock and 95,132 yd. common excav., etc., $27,212, 14.03 mi. F. A. P. 191 C, Clark Co., 140 yd. loose rock and 121,043 yd. common excav., etc., $39,073, to R. P. England, Murdo, 11.99 mi. F. A. P. 188 B, Hutchinson-Turner Co., 650 yd. loose rock and 78,261 yd. common excav., etc., $22,178, 10.51 mi. F. A. P. 189 A, Charles Mix-Beadle Co., 610 yd. solid, 979 yd. loose rock and 78,827 yd. common excav., etc., $28,536, 12.67 mi. F. A. P. 185 B, Jackson Co., 111,692 yd. common excav., etc., $34,966, to Auditor Day Co., Webster, 12.96 mi. F. A. P. 191 A, Day Co., 449 yd. loose rock and 82,069 yd. common excav., etc., $23,769, to H. J. Hawley, Trail City, 12.48 mi. F. A. P. 171 B, Brown Co.,

Streets and Roads (Continued)

105 yd. solid rock, 600 yd. loose rock and 91,602 yd. common excav., etc., $28,561, 11.03 mi. F. A. P. 171 D, Brown Co., 335 yd. loose rock and 81,809 yd. common excav., etc., $24,781, to Geddes & Miller, Ellendale, 14.11 mi. F. A. P. 178 C, Yankton Co., 800 yd. loose rock and 107,019 yd. common excav., etc., $32,364; to Lindekugel & Barthelow, Spencer, four 23 ft. viaducts on F. A. P. 189 A, Charles-Mix-Bruel Co., 23,342 lb. reinforcing, etc., $7,648, to Aberdeen Constr. Co., Aberdeen, one 45 ft. viaduct on F. A. P. 171 C, Marshall Co., 135 lb. reinforcing, etc., $4,125, to Diamond Eng. Co., Grand Island, Neb., one 48 ft. viaduct, on F. A. P. 185 B, Jackson Co., 9,960 lb. reinforcing, etc., $5,268. Noted Mar. 12 and 19.

S. D., Sioux Falls—Rein.-con. paving 29,199 sq.yd. various streets, to Western Asphalt Paving Corp., 1st and Nebraska Sts., Sioux City, $1.82 per sq.yd. Noted Mar. 12.

Wyoming — State Hy. Comn., Cheyenne, grading, surfacing, etc., 13 mi. Cheyenne-Wheatland Rd., Federal Aid Project 175-B, Laramie Co., to Bagley Bros., Wheatland, $91,361, 9.8 mi. Lander-Rawlins Rd., Federal Aid Project 162-B, Freemont Co., to Maney Bros. Co., Empire Bldg., Oklahoma City, Okla., $78,343; crushed rock surfacing, etc., 32.8 mi. Rawlins-Casper Rd., Federal Aid Project 64-A, Carbon Co., to Allied Constr. Co., 1803 Douglas St., Omaha, Neb., $145,655; improving 4.8 mi. Sage-Randolph Rd., Federal Aid Project 576, Lincoln Co., grading, etc., to A. F. Bundy, Cheyenne, $2,375, and 3 timber bridges, to D. Cavanaugh, Twin City, Idaho, $2,145. Noted Mar. 19.

Wyoming—State Hy. Comn., Cheyenne, grading, etc., 4.9 mi. Sheridan-Buffalo Rd., Federal Aid Project 143-B, 24 ft., Johnson Co., to Threet Bros., Lovell, $26,262. Engrs. est. $36,000.

Mo., Clayton—E. Davis Realty & Mortgage Co., 1101 Locust St., St. Louis, grading with elevator grader, etc., 114 acre subdivision, here, and North and South Rds., in St. Louis Co., approximately 200,000 cu. yd. excav., to L. Gray, 1223 Woldron St., University City.

Mo., Clinton—For 7 in. vibrated concrete paving 3,770 yd., various streets, to Reed & Wheelock, Clay Center, $70,957.

Mo., St. Louis—A. R. Schoolmeyer Realty Co., 104 North 7th St., complete grading Southwest Park Subdivision at Southwest Ave. and Watson Rd., 210,000 cu.yd. excav., to Nolan Contg. Co., c/o Southwest Park Subdivision, Southwest Ave. and Watson Rd.

Mo., Salisbury—Concrete paving, curbing and guttering 8,675 sq.yd. various streets, to Reed & Wheelock, Clay Center, $27,706. Noted Mar. 19.

Ark., North Little Rock (Ind. br. Little Rock)—Grading and concrete surfacing Beech St. to city limits, to H. Brown, 419 West 4th St. Engrs. est. $25,000.

Ark., Pine Bluff—Improving Paving Dist. 72, 5,912 sq.yd. vibrolithic surfacing, 1,480 ft. curb and gutter and 820 ft. 12 in. storm sewers in Annex 1, 3,662 ft. curb and gutter, 408 ft. 12 and 27 in. storm sewers and vibrolithic surfacing in Annex 2, to D. C. Horton, Ft. Smith, $6,942 and $17,857 respectively. Noted Mar. 12.

Tex., Cleburne — For 2 in. asphalt concrete on concrete paving 43,000 sq.yd. various streets, to West Texas Constr. Co., Cotton Exch., Ft. Worth, $2.84 per sq.yd.

Tex., Dallas — A. L. Krammer, c/o A. Harris & Co., Kirby Bldg., grading and graveling streets in new 80 acre residential district, to I. Gano, 3309 Hall St., cost plus percentage basis. Engrs. est. $32,000.

Tex., Eagle Pass—Maverick Co., grading 10 mi. highway between Eagle Pass and Dimmit Co. line, 18 ft., to H. Kyle, Hutto, $39,000; bridges and concrete work on above, to Bart Moore Constr. Co., Waco, $42,500. Noted Mar. 26.

Tex., Ft. Worth—Paving Wilshire Blvd. from Warner Rd. to Forest Park Blvd., to West Texas Constr. Co., Cotton Exch. Bldg. Engrs. est. $26,000.

Tex., Henrietta—Clay Co., grading, etc. 7.4 mi. Henrietta-Petrolia Rd., 26 ft., to J. M. Purvis, 1121 West 9th St., Ft. Worth, $37,875, engrs. est. $38,500; 306 ft. rein.-con. girder bridge across Big Wichita River, to J. F. Buckner & Son, Gonzales, $24,503 engrs. est. $30,000. Noted Feb. 19.

Tex., Houston—Harris Co., grading, concrete paving and bridging 6.53 mi. State Highway 6, Federal Aid Project 466 A and D, 20 and 30 ft., to Texas Willite Road Constr. Co., 102 Standard Bldg., $177,994. Engrs. est. $175,021. Noted Mar. 12.

Okla., Ponca City—Concrete paving, etc., 10,200 sq.yd. Main St. in Dist. 1, to R. H. Baldwin, Ponca City.

Okla., Tulsa — To Standard Paving Co., 1742 East 6th St., improving streets in Owen addition, Alley Block 19, Dist. 619 $1,566, Quanah Ave., Dist. 620 $15,899, 25th St., Dist. 622 $14,036, to H. L. Cannady Co., 1122 South Lewis St., Rockford Ave., Dist. 621 $24,075, to Tibbetts & Pleasant, Inc., 209 North Nogales St., Zion St., Dist. 624 $31,550, to D. A. Burton, 544 South Victor St., Campbell addition, alley in Block 2, Dist. 594-A $698; to C. M. Brown, 1315 South Trenton St., sanitary sewers in Dist. 218 $3,254, to Comstock-Smedley Co., Iowa Bldg., sanitary sewers in Dist. 216 $13,550.

Wash., Seattle—To Moceri Bros., Seattle, improving North and West 78th St., et al, 530 ft. integral curb $0.50 per ft. 7,750 ft. concrete integral curb $0.28, 3,100 cu.yd. earth excav. $0.50, 12,550 sq.yd. 6 in. concrete $1.55, total $31,738. Engrs. est. $36,257.

California—State Hy. Comn., Sacramento, widening with concrete shoulders 2.7 mi. and concrete paving 8.9 mi. various roads in San Jaquin Co., to J. F. Knapp, Turlock, $257,443. Noted Feb. 26.

Calif., Huntington Park—To Los Angeles Paving Co., 2900 Santa Fe Ave., Los Angeles, improving Irvington Ave., 117,532 sq.ft. 5 in. asphaltic concrete paving at $0.173 per sq.ft., 10,349 sq.ft. 6 in. concrete gutter $0.25, 3,804 sq.ft. 8 in. concrete gutter $0.27, 1231 sq.ft. concrete sidewalks $0.20, 544 lin.ft. curbing, $0.70, total approximately $25,000. Noted Mar. 5.

Calif., Manhattan Beach—City, 6 and 10 in. curbing sidewalks, etc., on The Strand between 27th St. and city limits, to H. H. Peterson, Spreckles Bldg., San Diego, $25,585.

Calif., Pasadena—Curbing, guttering, paving, etc. Lake St. between north city limits and Washington Sq., to C. F. Mathews, Braley Bldg., $25,110; and curbing, guttering, macadam paving, etc. Walnut St. between Lake and Allen Aves., to Ducey & Breitenstein, R.F.D. Box 3, approximately $105,100. Noted Mar. 26.

Calif., Sacramento—Supervs. Sacramento Co., 3,000 cu.yd. concrete paving road along Sacramento River from Grand Island Bridge to Vorden, to C. W. Wood, Manteca, approximately $37,200. Noted Mar. 12.

Calif., Salinas — City Council improving Church St. and Central Ave., to Clark & Henery Constr. Co., Chancery Bldg., San Francisco, 303,566 sq.ft. grading at $0.005 per sq.ft., 904 tons base rock $1.50, 301,109 ft. 2 in. Warrenite bitulithic surface $0.135, 9,520 ft. concrete curb $0.68, 12,749 sq.ft. concrete gutter $0.29. Noted Mar. 26.

Calif., Woodland—Yolo Co., grading and Willite asphaltic concrete paving approximately 4 mi. Prefix 2, Sect. A, Highway System, to A. Teichert & Sons, 1846 37th St., Sacramento, $79,617; grading and concrete paving 2 mi. Prefix 5, Sect. B, Highway System, to C. W. Wood, Manteca, $43,835.

Calif., Tulare—Improving M St., etc., to Valley Paving & Constr. Co., Visalia, $73,190. Noted Apr. 2.

B. C., Ladner—For 5 in. asphaltic macadam paving 1½ mi. Scott Rd., to General Contr. Co. Ltd., 736 Granville St., Vancouver, $18,750; and bituminous penetration surfacing 1½ mi. Boundry Bay Rd., to Cotton Co. Ltd., False Creek Yards, Vancouver, $15,000.

Buildings—Industrial

PROPOSED WORK

Mass., Beverly — Repair and Service Garage—H. H. Whitman, c/o C. G. Loring, archt., 7 Water St., Boston, having preliminary plans prepared 1½ story and basement, rein.-con., tile and stucco, plain foundation, here. $40,000.

Mass., Lee — Plant — White Marble & Terazzo Co. plans rebuilding plant incl. machine shop, recently destroyed by fire. $75,000. Engineer and architect not selected.

Mass., Medford — Repair and Service Garage — Boston Elevated Railway Co., Park Sq. Bldg., Boston, plans 1 story, 20,000 ft. floor space, Salem St. $114,000. Private plans.

Conn., Milldale (Hartford P. O.)—Factory—Clark Bros. Nut & Bolt Co., plans 2nd story brick and steel addition with 2½ ton capacity elevator. $40,000. W. T. Arnold, Meriden, archt.

N. Y., Buffalo—Mill—Acme Builders Supply Co., 2675 Main St., purchased 100 x 243 ft. site and plans to extend mills, Breckenridge Ave. $75,000.

N. Y., Buffalo—Shops—Donner Steel Co., Abbott Rd., plans 2 rein.-con., brick and steel mill shops, Abbott Rd. $70,000.

Pa., Coral—Coal Washery—Potter Coal & Coke Co., Coulter Bldg., Greensburg, having plans prepared by Schnicke & Brocker, Greensburg, small addition and coal conveying machinery, here. $50,000.

Pa., Phila.—Factory—Atlas Electric Co., 1218 Hamilton St., having plans prepared by Heacock & Hokanson, 1211 Chestnut St., 2 story and basement, 56 x 72 ft., brick and steel, plain foundation, 916 Green St.

Pa., Pittsburgh—Plants—Pittsburgh Piping & Equipment Co., 35th and Charlotte Sts., making plans three 1 story, 120 x 300 ft., 80 x 150 ft. and 50 x 220 ft. buildings, concrete and steel. Private plans.

Pa., Zelionople—Factory—Atlas Sanitary Mfg. Co. plans foundry, cleaning house, enamel shop and shipping house buildings. $100,000. Private plans.

Md., Baltimore—Plant—L. H. Retterberg, Inc., 2823 Pennsylvania Ave., having plans prepared by Stadler, Levin & Cravin, 29 Bway., New York City, 2 story, 150 x 300 ft., brick, plain foundation, 6th St. south of Wilkens Ave. $150,000.

Tenn., Athens — Mill — Englewood Mfg. Co. plans rebuilding hosiery mill, recently destroyed by fire. $50,000.

O., Canton—Factory—**Union Metal Mfg. Co.**, 1432 Maple Ave. N. E., plans 1 story factory addition. $40,000. C. C. Barrick, pres. and genl. mgr.

O., Canton—Plant—**Thoma & Maxwell** 12th St. N. E., plans 2 story, 74 x 90 ft. ice plant addition, incl. storage, warehouse and garage. $40,000.

O., Cleveland—Factory and Storage—Green, Hass & Schwartz, E. Hass, pres., 1967 East 57th St., had plans prepared by Christian, Schwarzenberg & Gaeda, 1900 Euclid Bldg., altering factory and constructing 2 story and basement, 50 x 50 ft., brick and steel storage building, Berea Rd. $50,000.

O., Cleveland—Factory—Friedman, Blau, Farber Co., H. Friedman, Pres., East 37th St., and Perkins Ave., having preliminary plans prepared by Lehman & Schmitt, Hunkin-Conkey Bldg., 1 story, 60 x 135 ft., brick and steel, top addition, East 37th St. and Perkins Ave. $40,000.

O., Niles—Pottery—Atlas China Co., plans rebuilding 1 story pottery, partially destroyed by fire. $200,000. A. O. C. Ahrendths, pres.

Ind., New Castle—Factory—Natl. Spring Co., plans 1 story, 180 x 240 ft., rein.-con. and steel factory. $65,000.

Mich., Detroit — Factory — Stromberg Carburetor Co., 6645 Gratiot Ave., having plans prepared by Smith, Hinchman & Grylls, 800 Marquette Bldg., 2 story and part basement, 50 x 160 ft., brick and steel, plain foundation, Hancock Ave. $50,000.

Mich., Detroit — Heating Plant — Pub. Library Comn., Woodward Ave., having plans prepared, 2 story, rein.-con., brick and steel, plain foundation, Farnsworth Ave. $200,000. J. S. Stringham, Clinton and Beaubien Sts., city research engr.

Ill., Chicago—Laundry—Amer. Supply Co., 140 West Austin St., having plans prepared by Neiler Rich Co., archts. and engrs., 431 South Dearborn St., 4 story and basement, 100 x 219 ft., rein.-con., brick and stone, plain foundation, Franklin and Locust Sts. $300,000.

Ill., Chicago—Factory—M. Schukraft, 943 Fulton St., having plans prepared by E. H. Froman, 64 West Randolph St., 3 story and basement, 140 x 220 ft., rein.-con. and brick, plain foundation, West Washington St. $300,000.

Ill., Murphysboro—Factory—Brown Shoe Co., 1610 Washington St., St. Louis, Mo., plans rebuilding 3 story, concrete and brick

Buildings—Industrial (Continued)

factorly, here, recently destroyed by tornado.

Wis., Beloit—Factory—Crowley Wholesale Grocery Co., Shirland Ave., plans 1 story, brick and tile, Shirland Ave. $40,000. Engineer and architect not selected. $40,000. Swingley Bros., 301 Pleasant St., lessee.

Ark., Texarkana — Shops — Graysonia, Nashville & Ashdown R.R. Co., C. M. Conway, pres., plans rebuilding shops, recently destroyed by fire, $150,000. C. S. Christian, Nashville, ch. engr.

Tex., Cuero—Plant—Election soon $150,000 bonds, electric light and power plant, brick and rein.-con., incl. complete machinery. Engineer and architect not selected. Address mayor.

Tex., Dallas—Plant—Dallas Power & Light Co., c/o C. W. Davis, mgr., Interurban Bldg., having plans prepared 1 story, 120 x 260 ft., rein.-con., brick and steel addition, plain foundation, etc. $1,500,000. Private plans.

Tex., Lubbock—Compress—West Texas Warehouse & Compress Co. soon takes bids 1,500 bale brick and concrete compress. $125,000. C. M. Rawlins, genl. mgr. Private plans.

Calif., Berkeley — Plant — University of California having plans prepared by W. H. Ratcliff, Jr., Mercantile Trust Bldg., 2 story, rein.-con and brick publishing plant addition, Center and Oxford Aves. $40,000. Lederer, Street & Zeuse, 2161 Center St., lessee.

Calif., Crescent City—Maintenance Shop, etc.—State Hy. Comn., Sacramento, having plans prepared garage and maintenance equipment shop, here. To exceed $40,000. R. M. Morton, Sacramento, engr.

Calif., Los Angeles—Plant—Los Angeles Creamery Co., 1120 Towne Ave., having plans prepared by Gay Eng. Co., 2650 Santa Fe Ave., 4 story, 80 x 120 ft., rein.-con. cold storage plant, Towne Ave.

Calif., Manteca—Power Plant—See "Excavation, Drainage, Irrigation, Levees."

Calif. Oakland — Substation — Pacific Gas & Electric Co., 455 Sutter St., San Francisco, having plans prepared steel and concrete, Linda Ave., here. $250,000. Private plans.

Calif., Pomona—Mill—Swing & Walker, Citizens Natl. Bank Bldg., Los Angeles, having plans prepared by C. F. Whittlesey, 6533 Hollywood Blvd., Los Angeles, 1 story, 75 x 300 ft. silk mill, brick. $60,000.

Calif., Sacramento—Warehouse and Distributing Plant, etc.—G. H. Tay Co., 165 8th St., San Francisco, having plans prepared by R. A. Herold, Forum Bldg., 2 story, brick or concrete, R St. $100,000.

Calif., San Francisco—Assembly and Repair Shop—Amer. La France Fire Engine Co., 151 New Montgomery St., plans brick or concrete 16th and Shotwell Sts. $40,000 or more.

Calif., San Leandro—Substation—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, having plans prepared rein.-con. substation. $200,000. Private plans.

Calif., Watsonville — Bakery and Creamery—Pajaro Valley Baker & Watsonville Creamery Co., purchased site and making plans 40 x 140 ft. bakery, and 30 x 100 ft. creamery, Main and Lake Sts.

Ont., Holland Centre—Plant—R. F. Harber plans rebuilding plant recently destroyed by fire. $40,000.

Ont., Kitchener—Factory—Goodrich Rubber Co. having plans prepared factory extension. $100,000. Private plans.

Ont., Mitchell — Factory — Wettlaufer Bros. Ltd., Mitchell, making plans 100 x 462 ft. factory, and 70 x 140 ft. foundry, cement and steel. $100,000.

Ont., Toronto—Plant—Hydro Electric Power Comn. of Ontario, 190 University Ave., plans coking plant and central heating system in connection with power plant, here. F. A. Gaby, ch. engr.

Ont., Walkerville—Factory—Berry Bros., F. Colby, mgr., plans rebuilding factory, recently destroyed by fire. $100,000.

B. C., New Westminster—Factory—K. and L. Box & Lumber Co., Niles, Calif., having plans prepared factory, on north arm of Fraser River, here. $100,000. Private plans.

BIDS DESIRED

Mass., Everett—Plant—Mystic Iron Wks., 1 Federal St., Boston, taking bids for blast furnace plant, here. Fine & Bassett, Chicago, Ill., archts.

Mass., New Bedford—Plant—New Bedford Boiler & Machine Co., 42 Frost St., taking bids 4 story, 60 x 165 ft., rein.-con. and brick, Warehouse, plant addition, plain foundation. Leary & Walker, 908 Purchase St., archts.

Mass., Somerville (Boston P. O.) — Repair and Service Garage—M. Cota, 14 Mansfield St., taking bids 1 story and basement, 60 x 100 ft., rein.-con. and brick, Main St. and Commonwealth Ave. $40,000. J. A. Quirk, 10 Tremont St., Boston, archt.

Pa., Ridgeway — Plant — Hyde Murphy Co. will build 4 story and basement, 70 x 170 ft. plant addition. Work will be done by separate contracts. $100,000. Private plans.

Md., Canton (Baltimore P. O.)—Plant—Apr. 15, by Lockwood, Greene & Co., engrs., 100 East 42nd St., New York City, 2 and 3 story plant, 5th Ave., here, for Gold Dust Corp., 239 West 30th St., New York City. $1,000,000. Noted Jan. 29.

O., Cleveland — Plant — Brooks Co., J. Caldwell, pres., 715 Superior Ave., taking bids 3 story and basement, 108 x 132 ft., brick and rein.-con., 1240 Oregon Ave. $300,000. W. S. Lougee, 500 Marshall Bldg., archts. Noted Jan. 8.

Wis., Iron River—Cannery, etc.—Apr. 15, by Iron River Packing Co., D. J. Fitzgerald, mgr., 722 Werle Ave., Wausau, 2 story, 42 x 80 ft. cannery, 1 story, 42 x 70 ft. warehouse, and 1 story, 30 x 40 ft. boiler house, timber and brick, plain foundations. $60,000. Private plans. Noted Jan. 15.

Calif., Emeryville—Machine Shop, etc.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, taking bids 2 story foundry-laboratory, also junk metal shop, machine and electric shop and pattern shop, 1 story each, all concrete. Private plans.

CONTRACTS AWARDED

Mass., Clinton—Plant—W. W. Russell, 77 Franklin St., Boston, will build 2 story gas plant, brick and steel, by day labor. $40,000. E. L. Rawson, 6 Beacon St., Boston, archt.

Mass., Roxbury (Boston P. O.)—Repair and Service Garage H. Rittenberg, 12 Garden St., Boston, 1 story, rein.-con., Dudley St., here, to R. Gauvreau, 43 Tremont St., Boston. Archts. est. $50,000.

Conn., Bridgeport — Factory — Locke Steel Chain Co., 1085 Connecticut Ave., 1 story, 85 x 155 ft., rein.-con. and steel, plain foundation, Connecticut Ave., to Eastern Eng. & Constr. Co., Liberty Bldg. Archts. est. $75,000. Noted Feb. 12.

Conn., Newington—Factory—Connecticut Fat & Fertilizer Co., 1 story, 40 x 75 ft., brick, steel and concrete, plain foundation, to Lawrence & Coe Constr. Co., 372 Trumbull St., Hartford.

Conn., Stamford — Plant — Conde Nast, printing plant addition, to Turner Constr. Co., 242 Madison Ave., New York City. Archts. est. $50,000.

N. J., Trenton—Shop—J. E. Thropp & Sons, Inc., Lewis St., 1 story, 82 x 162 ft., brick and steel machine shop, Fair St., to H. E. Baton, 1713 Sansom St., Phila., Pa., $135,000. Noted Mar. 19.

Pa., Phila.—Service Station, etc.—W. H. Gravell & A. W. Hall, archts., Otis Bldg., soon let contract 1 story and basement, 100 x 120 ft., brick and steel service station and store building, plain foundation, for Willard Storage Batteries Co., 3613-21 Walnut St.

O., Cincinnati — Machine Shop — G. A. Gray Metal Planer Co., Gest and Depot Sts., 1 story, 110 x 420 ft. rein.-con. brick and steel, plain foundation, Montgomery Rd., to Austin Co., 16,112 Euclid Ave., Cleveland, $500,000.

O., Cleveland—Factory—Kline Spring Co., c/o A. B. Kline, pres., Babbitt Rd., and New York Central R.R. tracks, 1 story, 50 x 100 ft., brick and steel, 19100 Firewood Ave., to Charles Peterson Co., 4500 Euclid Ave. Archts. est. $40,000.

O., Cleveland—Factory and Office—Bryant Heater & Mfg. Co., O. Fox, vice pres., 952 East 72nd St., 1 and 2 story, 150 x 300 ft. factory, and 35 x 90 ft. office building, brick and steel, East 179th St. and St. Clair Ave., to deHamel Constr. Co., Plymouth Bldg. Archts. est. $125,000. Noted Jan. 22.

O., Cleveland—Factory and Pattern Shop—G. Rackle & Sons Co., c/o G. Rackle, pres., Stop 5, A. B. C., 2 story, 75 x 260 ft., steel and cement tile, Stop 5, A. B. C. Line, to Truscon Steel Co., 1030 Albert St., Youngstown. Archts. est. $100,000.

Ill., Joliet—Mill—Standard Wall Paper Co., Hudson Falls, N. Y., 1 and 2 story, 50,000 sq.ft. additional floor space, rein.-con. and brick, East Washington St., here, to Austin Co., 160 North LaSalle St., Chicago. Archts. est. $200,000.

Ill., Murphysboro—Shops—Mobile & Ohio R.R. Co., Fullerton Bldg., St. Louis, Mo., will rebuild rein.-con. and brick machine shop, repair shops, round house, etc., here, recently destroyed by tornado, by day labor. H. A. Wood, ch. engr.

Ill., Peoria — Factory — Peoria Stone & Marble Wks., 1800 North Adams St., 1 story and basement, 140 x 170 ft., rein.-con. and steel, to F. Harbers & Sons, 1007 Central Natl. Bank Bldg., $46,000.

Wis., Janesville—Manufacturing—Chamber of Commerce, 114 East Milwaukee Ave., 1 story, 158 x 200 ft., brick and steel manufacturing plant, plain foundation, to J. P. Cullen & Son, 109 South Main St. Archts. est. $60,000. Northern Conveyor & Mfg. Co., 3204 Auer Ave., Milwaukee, lessee. Noted Mar. 19.

Wis., Milwaukee—Cooler and Market—Plankinton Packing Co., Muskego Ave. and Canal St., 4 story, 108 x 150 ft., brick and concrete, plain and wood pile foundation, Muskego Ave., to Dahlman Constr. Co., 456 Bway. Archts. est. $350,000. Noted Mar. 12.

Wis., Milwaukee—Factory—Smith Eng. Wks., 1154 32nd St., 1 story, 200 x 245 ft., brick and steel, plain foundation, Lake St., to Worden-Allen Co., Port Washington Ave. Archts. est. $150,000. Noted May 22.

Minn., Bloomington (Minneapolis, P. O.) —Power House and Laundry—Minnesota Masonic Home Corp., c/o A. F. Pray, chn. building com., 300 Oneida Bldg., Minneapolis, general contract 1 story and basement, 100 x 100 ft., brick power house and laundry, to G. Schwartz & Co., Rochester, about $75,000 complete. Noted Feb. 26 under "Buildings-Commercial."

Minn., Winsted—Factory—Gopher State Canneries, W. H. Taylor, mgr., general contract 2 story, 110 x 126 ft., concrete factory, to Swenson & Hakanson Co., 914 Builders Exch., St. Paul; power plant equipment, to Commonwealth Electric Co., 417 Bway., St. Paul. Archts. total est. $80,000.

Mo., St. Louis — Bakery — Melsheimer Bakery Co., 277 DeBaliviere Ave., one story and basement, 76 x 88 ft., rein.-con. and brick, Delmar Blvd., to E. H. Struckhoff, 3153 Keokuk St.

Mo., St. Louis — Packing Plant, etc. — Amer. Packing Co., 3842 Garfield Ave., will build 1 story 80 x 115 ft., rein.-con. and brick, 3845 Garfield Ave., by day labor. Koerner Eng. Co., Syndicate Trust Bldg., engrs.

Mo., St. Louis—Plant—Battendorf Packing Co., 1730 South 9th St., general contract 2 story and basement, 120 x 140 ft. rein.-con. and brick packing plant, to Kenton-Hercules Co., Wainwright Bldg. Archts. est. $200,000.

Mo., St. Louis—Plant—Hall & Brown Woodworking Mchy. Co., Bway. and Tyler Sts., 2 story and basement, 31 x 80 ft., concrete and brick, 1933 North Bway., to W. H. Schulte, 2603 Cass Ave.

Calif., Berkeley—Factory—Pacific Electric Clock Co., 86 3rd St., San Francisco, factory, Parker St., to Austin Co. of California, 244 Kearny St., San Francisco, $42,000.

Calif., Fresno—Power Plant—San Joaquin Light & Power Co., will build Balch power plant on north fork of Kings River about 55 mi. east of here, developing 37,500 hp. operating under head or 2,740 ft., also 19,600 ft. tunnel bored through solid granite, and 39 mi. transmission line, by day labor. Portions of above will probably be let by contract. To exceed $4,500,000. Private plans.

Calif., Oakland—Sub-Station—Key Route Transit Co., 40th St. and Shafter Ave., 1 story, concrete sub-station, Key Route Pier, to Reed & Corlett, Oakland Bank Bldg., $40,000.

Calif., Sacramento—Plant—Ward Seed Co., 1213 Front St., 2 story, 100 x 160 ft., concrete, 16th and North B Sts., to Mathews Constr. Co., 34th and X Sts., $65,000.

Calif., San Francisco—Substation—Pacific Gas & Electric Co., 445 Sutter St., will build 1 story, rein.-con., Ocean Ave., by day labor. $50,000. Private plans.

Buildings—Commercial

PROPOSED WORK

Me., Bangor—Home—Eastern Maine General Hospital, having plans prepared by Coolidge & Carlson, 89 State St., Boston, Mass., 4 story and basement, 50 x 150 ft. nurses home, rein.-con., brick and stone, State St. $225,000.

Me., Rumford — Hospital — Community Hospital Assn., rejected bids 2 story and basement, 35 x 156 ft., brick and stone hospital. $150,000. Four lowest bidders of previous opening of bids will refigure. Rogers & Dion, 142 Berkley St., Boston, archts. Noted Mar. 5.

Mass., Boston—Fire Station—Fire Dept., 61 Bristol St., having plans prepared by J. T. Ball, 61 Bristol St., 3 story and basement, 40 x 85 x 90 ft., brick and stone, Shawmut Ave. and Tremont St. $300,000. Noted Oct. 30.

Mass., Brookline (Boston P. O.)—Apartment—A. W. Blake, c/o Richardson, Barrett & Richardson, archts., 8 Beacon St., Boston, having preliminary plans prepared 4 story and basement, brick and stone, Cypress St. $150,000.

Mass., Brookline (Boston P. O.)—Fire Station—Bd. Selectmen, Town Hall, plans new fire station. $150,000 or more. Engineer and architect not selected.

Mass., Cambridge (Boston P. O.)—Hospital—City, A. Cahill, hospital supt., 1493 Cambridge St., plans hospital addition, 1493 Cambridge St. $150,000 or more. Engineer and architect not selected.

Mass., Maynard—Bank—Maynard Trust Co., Main St., plans 2 story bank, Main St. $150,000. Engineer and architect not selected.

Mass., Quincy (Boston P. O.)—Theatre—W. J. Bradford, c/o W. J. Freethy, archt., 110 State St., Boston, having plans prepared 1 story and basement, rein.-con., brick and steel, plain foundation. $150,000.

Mass., Worcester — Store and Office — Barnard Press, c/o E. F. Chapin, archt., 340 Main St., having preliminary plans prepared 5 story and basement, brick, Mercantile and Front Sts. $175,000.

R. I., Newport — City Hall — Bd. Aldermen, plans reconstructing city hall, recently destroyed by fire. $200,000. Engineer and architect not selected.

Conn., New Haven—Theatre—Yale University having sketches made by Blackhall, Clapp & Whittemore, 20 Beacon St., Boston, Mass., theatre. $1,000,000.

N. Y., Brooklyn—Theatre—B. F. Keith, Inc., 1564 Bway., New York City, plans brick, steel and stone, plain foundation, Church Ave. and 21st St., here. $750,000. Private plans.

N. Y., Buffalo — Warehouses — Truscon Steel Co., 1030 Albert St., Youngstown, O., plans 2 rein.-con. and steel warehouses, Bailey and Williams Sts., here. $150,000.

N. Y., Flushing—Theatre—B. F. Keith, Inc., 1564 Bway., New York City, plans brick, steel and stone, plain foundation, Bway. and Main St., here. $850,000. Private plans.

N. Y., Jamaica—Theatre—B. F. Keith, Inc., 1564 Bway., New York City, plans brick, steel and stone, plain foundation, here. $750,000. Private plans.

N. Y., New York — Apartment — French Institute Realties Corp., 597 5th Ave., having plans prepared by J. H. Freedlander, 681 5th Ave., 6½ story, 44 x 100 ft., brick, steel and stone, plain foundation, 20 East 60th St. $175,000.

N. Y., New York — Garage — H. E. Koerner, archt., 164 State St., Bridgeport, Conn., soon lets contract 2 story, 100 x 100 ft., brick and steel, 139th St. and Southern Blvd., here, for Atlas Body Wks. Co., 137 McKinley Ave., Bridgeport, Conn.

N. Y., New York—Hotel—Fifteen East 69th Corp., c/o G. F. Pelham, archt. and engr., 200 West 72nd St., having plans prepared 15 story, 62 x 200 ft., brick, steel and stone, plain foundation, Madison Ave. between 69th and 70th Sts. $1,000,000.

N. Y., New York—Loft—J. A. Coles, c/o Buckman & Kahn, archts. and engrs., 49 West 45th St., having plans prepared 16 story, 60 x 100 ft., brick, steel and stone, plain foundation, 15 West 39th St. $300,000.

N. Y., New York—Loft—J. Dorf, c/o G. and E. Blum, 505 5th Ave., having plans prepared 17 story, 98 x 103 ft., brick, steel and stone, plain foundation, 49-57 West 37th St. $1,800,000.

N. Y., New York—Office—Cedar William St. Corp., c/o Sloan & Robertson, archts. and engrs., 1 Pershing Sq., having plans prepared 18 story, 80 x 90 ft., brick, steel and stone, plain foundation, 40 Cedar St. $2,500,000.

N. Y., New York—Office—Cedar-William St. Corp., c/o Sloan & Robertson, archts. and engrs., 1 Pershing Sq., altering 15 story brick, steel and stone, plain foundation, 57 William St. $200,000.

N. Y., New York—Theatre—B. F. Keith, Inc., 1564 Bway., plans brick, steel and stone, plain foundation, Lexington Ave. and 86th St. $750,000. Private plans.

N. J., Dover—Hospital—Dover General Hospital having plans prepared by J. L. Vreeland, 16 West Blackwell St., 3 story, 85 x 152 ft. hospital. $165,000. F. S. and S. E. Sutton and L. H. Calkins, 402 Broad St., Newark, engrs.

N. J., Plainfield—Hospital—Muhlenberg Hospital plans hospital addition. $500,000. H. H. Pond, Plainfield, pres. bd. Engineer and architect not selected.

N. J., Trenton—Hotel—F. W. Donnelly, mayor, City Hall, plans 10 story hotel, Broad and Hanover Sts. $500,000. Engineer and architect not selected.

Pa., Meadville—Orphanage—I. O. O. F. having revised plans prepared by W. H. Crosby, Veach Bldg., Oil City, 2 story and basement, brick orphanage.

Pa., Mt. Lebanon—Theatre and Store—J. Gold, c/o Gold Realty Co., 534 4th Ave., having plans prepared by Sharon & Friedman, Berger Bldg., Pittsburgh, 2 story and basement, 100 x 200 ft., brick and steel, Washington Rd. $300,000.

Pa., New Castle—Poor House—Comrs. Lawrence Co., Court House, having plans prepared by A. L. Thayer, 39 North Jefferson St., 2 story and basement poor house, Elwood City Rd.

Pa., Pittsburgh—Apartment—W. Meyer & J. Simon, 527 5th Ave., having plans prepared 2 story and basement, brick on tile, 5251-53 Forbes St. $150,000. Private plans.

Pa., Willow Grove—Theatre and Apartment—Rothwell Co., c/o E. R. Rothwell, having plans prepared by H. W. Castor, St. Girard Bldg., Phila., 2 story and basement, 108 x 200 ft., brick and steel, plain foundation.

Md., Baltimore—Lodge—Order of Eastern Star, 1024 North Charles St., having plans prepared by C. N. and N. Friz, Lexington Bldg., 4 story and basement, 75 x 150 ft., brick, plain foundation, 1024 North Charles St. $250,000.

Md., Baltimore—Warehouse—I. Benesch & Sons, 549-71 North Gay St., having plans prepared by B. Frank, 328 North Charles St., 6 story and basement, brick, plain foundation, Aisquith and McElderry Sts. $150,000.

Fla., Jacksonville — Hotel — San Jose Estates Corp., H. P. Osborn, pres., Atlantic Natl. Bank Bldg., plans hotel between South Jocksonville and Pt. La Vista on St. Johns River. $750,000.

Fla., Miami—Hotel and Office—Palmer—Laramore, Inc., plans 16 story, rein.-con., steel, tile and stucco Bay Shore Dr. $1,500,000.

Fla., West Palm Beach — Hotel — W. J. Von Behren, C. M. Henderson & C. Johmer, and associates, having plans prepared by W. M. King, West Palm Beach, 15 story, 65 x 95 ft., rein.-con. and steel, Poinsetta St. $700,000.

La., New Orleans—Commercial—Favrot & Livaudais, archts., Hibernia Bank Bldg., take bids in June, 7 story, 96 x 120 ft. commercial building Canal and Claiborne Sts., for Syndicate composed of J. D. Butler, Jr., pres. Canal Commercial Trust & Savings Bank, Canal St. and F. F. Gunter, vice pres. Mortgage Securities Co. Interstate Bldg., $350,000. Noted Mar. 26.

La., New Orleans—Theatre—L. H. Varrutt, Maison Blanche Bldg., and N. I. Ehrlich, 1515 Dryades St., having plans prepared by Weiss & Dreyfous, Maison Blanche Bldg., brick and timber, Baronne and Philip Sts.

N. C., Charlotte—Bank and Store—First Natl. Bank having plans prepared by W. W. Cook, Boston, Mass., bank and store building. $300,000.

O., Canton — Hospital — Mercy Hospital, 723 Market Ave. N, plans 3 story and basement addition, on 140 x 650 ft. site, 6th St. and market Ave. N. $400,000-$500,000.

O., Cleveland—Apartment—J. Dolinsky, 9817 Parkgate Ave., having plans prepared by M. Altschuld, 5116 Woodland Ave., archt., 3 story and basement, brick, Hayden Ave. $200,000.

O., Cleveland — Apartment — Syndicate of Investors, c/o N. Weltman, 3220 Ormond Rd., having plans prepared by H. M. Beidler, 813 Ulmer Bldg., 3 story and basement, 46 x 133 ft., brick, East 105th St. and Elk Ave. $250,000.

O., Cleveland — Commercial and Apartment—Taylor Realty Co., c/o L. Katz, Swetland Bldg., had plans prepared by A. F. Janowitz, 811 Prospect Ave., 2 story and basement, 103 x 124 ft., brick and steel, West 101st St. and Detroit Ave. $150,000.

O., Cleveland—Market House—City, W. R. Hopkins, city mgr., City Hall, having preliminary plans prepared by H. Kregelius, City Hall, 2 story and basement, brick, steel and concrete annex, West 25th St. and Lorain Ave. $200,000.

O., Cleveland—Store—J. McCrory Stores, 1107 Bway., New York City, having plans prepared by J. F. Kuhn, engrs. and archts., 13 Central Sq., Youngstown, 4 story and basement, brick, steel and concrete addition, 500 Euclid Ave., here. $150,000.

O., Cleveland—Store, Office, Apartment and Theatre—W. T. Arnos, Engineer Bldg., plans 1 and 3 story, brick, steel and concrete, Green and Mayfield Rds. $150,000. Engineer and architect not selected.

O., Cleveland Heights (Warrensville P. O.)—Store and Apartment-Coventry Leasehold Co., c/o H. Caplan, 3469 East 123rd St., had plans prepared by A. J. Janowitz, 811 Prospect Ave., 3 story, 70 x 155 ft., brick, Lancashire and Coventry Rds. $150,000.

O., Norwood (Ind. br. Cincinnati)—Club—Masonic Blue Lodge, having plans prepared by C. F. Cellarius, 601 St. Paul Bldg., 2 story and basement, rein.-con. and brick, plain foundation, Hopkins Ave. $250,000.

Mich., Detroit — Hotel — L. Chesnow, archt., 242 West Lafayette Bldg., preparing plans 9 story and basement, 75 x 126 ft., rein.-con., brick and steel, plain foundation. $250,000. Owner's name withheld.

Ill., Chicago—Apartment—H. Sugar, 3700 Agatite Ave., having plans prepared by A. L. Heineblow, 30 North Dearborn St., 2 story and basement, 100 x 190 ft., rein.-con. and brick, plain foundation, Kenneth St. $200,000.

Ill., Chicago — Auto Sales — Locomobile Co. of Illinois, c/o. M. S. Nelson, archt., 1722 North California Ave., having plans prepared 2 story and basement, 100 x 161 ft., rein.-con., brick and stone, plain foundation, 2400 Michigan Ave. $200,000.

Ill., Chicago—Hotel—E. A. Berchert, c/o J. A. Nyden, archt., 190 North State St., having preliminary plans prepared 6 story and basement, 100 x 150 ft., rein.-con., brick, stone and terra cotta, plain foundation, Hyde Park Blvd. $2,000,000.

Ill., Chicago—Hotel—Shoreland Hotel Co., c/o Fridstein & Co., archts. and engrs., 111 West Washington St., having plans prepared 13 story and basement, 198 x 355 ft., rein.-con., brick, steel, stone and terra cotta, caisson foundation, 5400 South Shore Dr. $8,000,000.

Ill., Chicago—Theatre and Office—Corporation, C. M. Wasson, pres., 343 South Dearborn St., having plans prepared by Lowenberg & Lowenberg, engrs. and archts., 111 West Monroe St., 3 story and basement, 125 x 175 ft., rein.-con., brick and terra cotta, plain foundation, Kedzie Ave. $900,000.

Ill., Chicago — Warehouse — Hickley & Schmidt, 418 West Ontario St., having plans prepared by S. S. Joy, 2001 Pershing Ave., 4 story and basement, 80 x 100 ft., rein.-con., brick and stone, plain foundation. West Antario St. $155,000.

Ill., Decatur—Armory—Dept. Pub. Wks. & Building, Capitol, Springfield, having preliminary plans prepared by W. J. Lindstrom, 707 South 8th St., Springfield, rein.-con., brick and stone, here, for Natl. Guard of Illinois. $300,000.

Ill., Evanston—Hotel—L. G. Arries, 140 South Dearborn St., having plans prepared by S. N. Crowen, archt. and engr., 10 South LaSalle St., 7 story and basement, 90 x 150 ft., rein.-con., brick and limestone, Sher-

Buildings—Commercial (Continued)

main St. between Church and Benson Sts. $2,000,000.

Ill., Peoria — Club — Peoria B. P. O. E. having plans prepared by Hewitt & Emerson, 1600 Peoria Life Bldg., 6 story and basement, 48 x 121 ft., rein.-con., steel and terra cotta, plain foundation, South Madison St. $230,000. Engineer not selected.

Wisconsin—Club—Wisconsin Gun & Reel Club, 5 North Wabash Ave., Chicago, Ill., having plans prepared by B. H. Jillson, 6 North Michigan Ave., Chicago, Ill., 2 story and basement, timber and field stone, plain foundation, lower Clam and McLaren Lakes, Sawyer Co. (Hayward), here. $500,000.

Wis., Milwaukee — Apartment — O. F. Priebe, 3501 Highland Blvd., soon takes bids 4 story, brick and tile, plain foundation, 15th St. $160,000. W. J. Kozick, 664 26th St., archt.

Ill., Des Plains—Bank and Office—Des Plains State Bank, B. F. Kinder, pres., having preliminary plans prepared by A. Niemz, 879 North State St., Chicago, 3 story and basement, 56 x 125 ft., rein.-con., brick and stone, Lee and Ellenwood Aves. $175,000.

Kan., Winfield—Bank and Office—State Bank having preliminary plans prepared by Weary & Alford, 1925 Calumet St., Chicago, Ill., 5 story and basement, 75 x 140 ft., rein.-con., brick and stone 9th and Main Sts.

Mo., St. Louis — Auto Service — G. T. Burdeau Real Estate Co., 801 Chestnut St., having preliminary plans prepared 1 story and basement, 130 x 275 ft., rein.-con. auto service building, Washington and Jefferson Sts. $150,000.

Tex., Amarillo — Hotel, etc. — Amarillo Hotel Co. soon takes bids 4 story and basement, 36 x 93 ft., brick and stone, plain foundation, 3rd St. $150,000. Shepard & Wiser, R. A. Long Bldg., Kansas City, Mo., engrs. and archts.

Tex., Amarillo—Hotel—E. A. Thompson, Amarillo Hotel Co., had plans prepared by Shephard & Wiser, 1208 Long Bldg., Kansas City, Mo., 4 story and basement, 36 x 93 ft., rein.-con., brick and stone addition. $150,000.

Tex., El Paso—Hotel—C. De Groff, c/o Hotel Orndorff, 300 Mesa St., had plans prepared by Trost & Trost, Two Republics Bldg., 11 story and basement, 110 x 127 ft., brick, stone and terra cotta, plain foundation, Mill St. and Mesa Ave. $1,000,000.

Tex., San Antonio—Theatre and Office—J. Oppenheimer, et al., take competitive bids about May 1, 6 story and basement, 90 x 110 ft., brick, stone and rein.-con., plain foundation, St. Marys and Commerce Sts. $1,500,000. Former contract rescinded. Noted Apr. 2.

Tex., San Angelo—Theatre—H. B. Robb, 3335 Normandy St., Dallas, and E. H. Rowley, 3513 Princeton St., Dallas, plan theatre, here. $175,000. Engineer and architect not selected.

Okla., Oklahoma City—Hotel and Apartment—G. L. Miller & Co., Hurt Bldg., Atlanta, Ga., had plans prepared by Hawk & Parr, Cotton Exch. Bldg., and soon takes bids 8 story and basement, 150 x 300 ft., rein.-con., plain foundation, 15th St., here. $1,250,000.

Wash., Seattle—Apartment — J. S. Hudson, Empire Bldg., had plans prepared 5 story and basement, 90 x 120 ft. apartment building, 1119 Boren Ave. $220,000. Private plans.

Wash., Seattle—Apartment-Hotel—Caledonian Hotel Co., Melhorn Bldg., having plans prepared by A. McQuaker, Melhorn Bldg., and soon takes bids 6 story and basement, brick and terra cotta, 5th and Union Sts. $165,000.

Wash., Seattle—Apartment—H. Bittman, archt., Securities Bldg., takes bids about May 30, 6 story and basement, brick and terra cotta, 131 Boren Ave., for C. S. Leede, Cobb Bldg. $350,000.

Calif., Baden (San Bruno P. O.)—Clubhouse—California Golf Club, c/o W. H. Crim, Jr. and W. Murdock, archts., 425 Kearny St., San Francisco, having preliminary plans prepared 3 story clubhouse, here. $150,000.

Calif., Berkeley—Office—First Natl. Bank having plans prepared by J. W. Plachek, Mercantile Bank Bldg., 1 story (ultimately 7 story), probably rein.-con., Center St. and Shattuck Ave. $150,000.

Calif., Del Monte—Hotel—Del Monte Properties Co., 620 Market St., San Francisco, having revised plans prepared by L. P. Hobart, Crocker Bldg., and C. A. Tantau, 251 Kearny St., San Francisco, rein.-con. hotel, here.

Calif., El Centro—Hotel—W. R. Conway, Barbara Worth Hotel, plans 3 story, 60 x 140 ft., rein.-con. annex.

Calif., Glendale—City having plans prepared by Jay, Rogers & Stevenson, 919 Washington Bldg., Los Angeles, 3 story, 50 x 150 ft. Y. M. C. A. building, Louise St. between Bway. and Wilson St. $250,000.

Calif., Glendale—Bank and Office—Pacific Southwest Trust & Savings Bank, 565 South Spring St., Los Angeles, plans approximately 6 story, Class "A" bank and office building. To exceed $150,000. Engineer and architect not selected.

Calif., Glendale—Club—C. F. Whittlesey, archt., 6533 Hollywood Blvd., Los Angeles, preparing preliminary plans 4 story and basement, 100 x 165 ft., Class "A" club, here. Owner's name withheld.

Calif., Hollywood — Club — J. Morgan, archt., Merchants Exch. Bldg., San Francisco, soon takes bids 3 story and basement, rein.-con. clubhouse for Hollywood Studio Club, 6129 Carlos Ave. $160,000.

Calif., Long Beach—Club—Long Beach Shore Club, Farmers and Merchants Bank Bldg., having plans prepared by M. C. Parker, Adair Bldg., Part 2 and 4 story, approximately 90 x 500 ft., timber and stucco club house. $200,000 or more.

Calif., Los Angeles—Club—Y. M. C. A., c/o Rogers & Stevenson, archts., Braley Bldg., Pasadena, having plans prepared 3 story, 150 x 150 ft., fireproof, Louise St. $200,000.

Calif., Los Angeles — Hospital — H. O. Mattern, c/o A. G. Bailey, archt., Hillstreet Bldg., having plans prepared 3 story and basement, 40 x 130 ft., rein.-con. hospital.

Calif., Los Angeles — Hotel and Store — K. Elliott, c/o Walker & Eisen, archts., Great Republic Life Bldg., having plans prepared 4 story and basement, 95 x 150 ft., brick and concrete, 6th St. and Normandie Ave. $200,000.

Calif., Los Angeles — Hotel — Hayward Hotel, Spring and 6th Sts., having plans prepared by Parkinson & Parkinson, Title Insurance Bldg., 14 story and basement, 60 x 82 ft., rein.-con. and steel, 6th St. $500,000 or more.

Calif., Los Angeles—Store and Hotel—A. I. Lasker, et al, c/o F. Rasche, designer, 5652 Hollywood Blvd., having plans prepared 4 story and basement, 100 x 155 ft., brick, 8th and Rampart Sts. $175,000.

Calif., Los Angeles — Store and Apartment—J. W. Kelly, c/o J. C. Austin, archt., Detwiler Bldg., and R. Falkenrath, Jr., associated archt., Chamber of Commerce Bldg., having plans prepared 4 story and basement, 50 x 150 ft., brick, Main and 37th Sts.

Calif., Marysville—Theatre—West Coast Theatres, Inc., 134 Leavenworth St., San Francisco, plans probably rein.-con. and steel, theatre, 2,000 seating capacity, 4th and D Sts. $150,000 or more. Engineer and architect not selected.

Calif., Morro Bay—Hotel and Clubhouse —See "Unclassified."

Calif., Oakland — Store — Kahn's Dept. Store, Bway. and 16th St., plans 3 or 4 story, fireproof store addition. $250,000. Engineer and architect not selected.

Calif., Oakland — Theatre — Golden Gate Realty Copr., c/o Reid Bros., archts., 105 Montgomery St., San Francisco, having plans prepared, rein.-con. and steel theatre with balcony, approximately 1,000 seating capacity, 14th St. and 27th Ave. $150,000.

Calif., Richmond — Hotel — Chamber of Commerce, etc., plans fireproof hotel. $300,000.

Calif., San Gabriel—Home—J. L. Mills (representing church interests) 118 East Commonwealth Ave., Alhambra, plans (1st unit) fireproof home for aged. $150,000.

Calif., San Francisco — Hospital — St. Joseph's Hospital, Buena Vista and Park Aves., plans replacing present structure with fireproof hospital, Park Ave. $500,000.

Calif., San Francisco—Nurses Home—San Francisco Nurses Assn., J. Morgan, archt., Merchants Exch. Bldg., having plans prepared 8 story and basement, rein.-con., brick and terra cotta, Pine St. $200,000.

Calif., San Francisco — Store, Office, Garage, etc.—Lessor, Aronson & Schoenberg, 58 2nd St., plans 10 story store and office building, with portion 3 or 4 story garage, both rein.-con., 4th St. $1,000,000. Engineer and architect not selected.

Calif., San Francisco—Theatre—T. and D., Jr., Enterprises, 150 Leavenworth St., plans rein.-con. theatre, 2,500 or more seating capacity, Polk St. near Green St. $250,000 or more. Engineer and architect not selected.

Calif., San Mateo — Lodge and Club — San Mateo Lodge, B. P. O. E., plans fireproof lodge and club building. $150,000 or more.

Calif., San Quentin—Penitentiary—State Building Comn., having preliminary plans prepared by G. B. McDougall, state archt., Forum Bldg., Sacramento, 3 story, women's ward building, rein.-con., with 3 story annex for cell quarters. $350,000.

Calif., Taft—Hotel—S. Orloff, c/o Edelman & Barnett, archts., H. W. Hellman Bldg., Los Angeles, had preliminary plans prepared, approximately 4 story, probably brick hotel. To exceed $150,000.

Mexico, Ensenada — Hotels, Clubhouses, Hospitals, etc. — **Bexar Development Co.**, c/o Shea & Shea, archts., 454 Montgomery St., San Francisco, Calif., having plans prepared constructing country club, 3 hotels, hospitals, bath houses, administration building, amusement buildings, wharves, etc., here. $5,000,000.

Mexico, Tia Juana — Hotel — F. W. Stearns, c/o 1st Natl. Bank Bldg., San Diego, Calif., having preliminary plans prepared by L. Farwell, Laughlin Bldg., Los Angeles, Calif., 3 story, 250 room, rein.-con. hotel, here. $500,000.

Ont., Toronto—Garage—Toronto Transportation Comn., Ryrie Bldg., plans 1 story and basement, 120 x 167 ft. and 34 x 56 ft., brick and steel, Bathurst St., to Jackson Lewis Co. Ltd., Federal Bldg., $150,000.

Ont., Toronto—Recreation Hall—A. E. Furniss, 23 Glenfern Ave., plans 3 story and basement, 50 x 120 ft., rein.-con., brick and timber, plain foundation, Danforth Ave. $150,000. Engineer and architect not selected.

B. C., Vancouver — Apartment Hotel — American Syndicate, c/o A. H. Allen, Devonshire Apts, having plans prepared by F. C. Mahon, Seattle, Wash., and takes bids about May 1, 12 story and basement, 120 x 130 ft., rein.-con., brick, tile and terra cotta, plain foundation. $800,000.

B. C., Vancouver—Garage—Vancouver Motors Ltd., 1531 15th Ave. W., having plans prepared by Townley & Matheson, 325 Homer St., and takes bids about Apr. 30, 3 story, 120 x 125 ft., rein.-con., plain foundation, Selmour and Smythe Sts. $150,000.

BIDS DESIRED

N. H., Concord—Bank and Office—New Hampshire Savings Bank, North Main St., taking bids 5 story and basement, brick, plain foundation, North Main St. $150,000. J. D. Leland Co., 41 Mt. Vernon St., Boston, Mass., archts. Noted Feb. 5.

N. H., Nashua—Nurses Home—Nashua Memorial Hospital, A. Shea, chn., taking bids 2 story and basement, 40 x 105 ft., brick and stucco addition, plain foundation. $150,000. Stevens & Lee, 45 Newbury St., Boston, archts. Noted Mar. 12.

Mass., Canton—Club—Blue Hills Country Club, B. E. Morse, chn., taking bids 2 story and basement, 40 x 110 ft., brick and stone, Pecunit St. $150,000. M. Sullivan, 100 Boylston St., Boston, archt.

Mass., Forest Hills (Boston P. O.)—Hospital—Forest Hills Hospital, 29 Morton St., taking bids 4 story and basement, 45 x 150 ft., brick and steel, Morton St. $175,000 or more. Shepard & Stearns, 65 Franklin St., Boston, archts.

Mass., Malden—Store—S. J. Spector, 24 York St., Dorchester, will build 1 story and basement, 50 x 430 ft., brick, 290-334 Main St. $160,000. Work will be done by separate contracts. M. M. Halma, c/o owner, archt. Noted Mar. 26.

Mass., Somerville—Theatre—P. V. Vartolgian, c/o W. T. Littlefield, archt., 9 Hamilton Pl., Boston, taking bids 1 and 2 story, brick and steel, Bway and Marshall St., $150,000.

Mass., Springfield — Mercantile — Crane Co., 62 Hampden St., taking bids 3 story, 90 x 130 ft., brick, plain foundation, Columbus Ave. $175,000. McClintock & Craig, 33 Lyman St., archts. Noted Mar. 19.

Buildings—Commercial (Continued)

R. I., Woonsocket—Business and Apartment—Falk Bros., Social St., taking bids 4 story and basement, 80 x 110 ft., brick and steel, Social St. $150,000. O. H. Drouin, 255 Main St., archt.

Conn., Hartford—Apartment—Syndicate c/o Colaneri Bros., 709 Main St., taking bids 4 story, 54 x 68 x 85 ft., brick and stone, Maple St. $150,000. J. E. Marchetti, 721 Main St., archt.

Conn., New Britain—Garage and Store—F. Beloin will build 3 story about 85 x 180 ft., brick and concrete, Church St. $150,000. Work will be done by separate contracts.

Md., Baltimore—Exchange—Apr. 14, by McKenzie, Voorhees & Gmelin, archts., 1343 H St., Wash., D. C., 3 story and basement, 59 x 143 ft., brick, plain foundation, 1915-33 Madison Ave., here, for C. and P. Telephone Co., 5 Light St. $150,000.

N. C., Raleigh—State—Apr. 14, by R. A. Doughton, comr. Revenue, 5 story and basement, 100 x 150 ft., stone, concrete and terra cotta, (foundation already in), Salisbury St. $200,000. Atwood & Nash, Chapel Hill, archts.

O., Cleveland—Commercial and Garage—Miller & James Co., Erie Bldg., archts., taking bids 3 and 4 story, 60 x 100 ft., and 66 x 80 ft., brick, steel and concrete, 717 Superior Ave., for Rockwell Building Co., c/o C. S. and K. B. Britton, Caxton Bldg. $200,000. Noted Feb. 26.

O., East Cleveland (Cleveland P. O.)—Apartment — Euclid-Hastings Co., c/o S. Glaser, Ulmer Bldg., Cleveland, taking bids and open same about Apr. 10. 4 story, 50 x 200 ft., brick, 16001 Euclid Ave., here. $200,000. L. R. Walker, 1900 Euclid Bldg., Cleveland, archts. Noted Feb. 26.

O., Toledo—Exchange and Office—Ohio Bell Telephone Co., 231 Huron St., and Mills, Rheimes, Bellman & Nordoff, archts., 1234 Ohio Bldg., taking bids and open same about Apr. 18, 12 story, rein.-con., brick and steel exchange and office building. $2,000,000.

Mich., Highland Park (Detroit P. O.)—Lodge—F. O. Varney, archt., 1422 Washington Blvd., Detroit, taking bids and opens same about Apr. 10, 3 story and basement, 80 x 124 ft., rein.-con., brick and steel, plain foundation, Grand Ave., here, for Highland Park Lodge 563, F. & A. M. $200,000. Noted Jan. 26.

Ill., Berwyn — Apartment and Theatre—Hooper & Janursh, archts., 879 North State St., taking bids 2 story and basement, 125 x 165 ft., rein.-con., brick, steel and terra cotta, plain foundation, here, for H. T. Lynch, 4100 West North Ave., Chicago. $500,000.

Ill., Chicago—Apartment—Fargo Building Corp., 25 North Dearborn St., taking bids 3 story and basement, 90 x 125 ft., brick, and stone, plain foundation, 1300 Fargo Ave. $200,000. E. N. Nitsche, 8 East Huron St., archt.

Ill., Chicago — Apartment and Office — Kocher & Larson, archts., 6405 South Halstead St., taking bids 3 story and basement, 50 x 123 ft., rein.-con., brick and stone, plain foundation, 79th St., for B. Bell, 5620 South Wabash Ave. $150,000.

Ill., Chicago—Apartment—Erickson Bros., 1434 Glendale Ave., taking bids 3 story and basement, 90 x 157 ft., brick and stone, plain foundation, Home St. $160,000. Dubin & Eisenberg, 14 West Washington St., archts.

Ill., Chicago — Apartment — Newhouse & Bernham, archts., 4623 Drexel Blvd., taking bids 3 story and basement, 50 x 175 ft., brick, plain foundation, Keeler St., for E. A. Niermann, 4714 South Michigan Ave. $175,000.

Ill., Chicago — Apartment — M. Benson, 1758 East 72nd St., taking bids 3 story and basement, 110 x 120 ft., brick and stone, plain foundation, 72nd St. $150,000. Kocher & Larson 5405 South Halsted St., archts.

Ill., Chicago — Apartment — B. Fishbain, 1522 South Kolin Ave., taking bids 3 story and basement, 100 x 135 ft., brick and terra cotta, Cicero and Quincy Sts. $175,000. A. Jacobs, 160 North LaSalle St., archt.

Ill., Chicago — Warehouse — Graham, Anderson, Probst & White, archts. and engrs., 80 East Jackson Blvd., taking bids 14 story and basement, rein.-con., brick and stone, caisson foundation, North Water St., for Hibbard, Spencer Bartlett Co., 303 North State St. $4,000,000.

Ill., Evanston—Apartment—A. V. Teisen, archt., 4804 North Kedzil Ave., Chicago, taking bids 3 story and basement, 102 x 119 ft., rein.-con., brick and terra cotta, Clyde St., here. $150,000. Owner's name withheld.

Ia., Marshalltown—Hospital—H. Reimer, archt., Kibbey Bldg., or Superintendent Deaconess Hospital Assn., 35th and Main Sts., taking bids 4 story and basement, 45 x 180 ft., rein.-con., brick and stone, Main St. $325,000. K. Rest, pastor. Noted Dec. 25.

Minn., St. Paul—Hospital—Apr. 17, by Ramsey Co. Bd. Control, O. J. Tong, secy., Court House, 4 story and basement, 150 x 160 ft., rein.-con., brick and stone addition, Jefferson St. $400,000. Buecher & Orth, 500 Shubert Bldg., archts. Noted Feb. 26.

Tex., Dallas — Garage — Barglebaugh & Beinke, archts., 1902 Medical Arts Bldg., taking bids 4 story and part basement, 50 x 108 x 165 ft., brick, terra cotta and rein.-con., Paul St. and Pacific Ave., for Cary-Schneider Investment Co., Medical Arts Bldg. $150,000.

Calif., Los Angeles—Garage—City, rein.-con. and steel garage annex, South Hill St., from North Pacific Constr. Co., Detwiler Bldg., $192,593.

Calif., Los Angeles—Hall—Los Angeles Co., general contract Patriotic Hall, 5 story and basement, brick and rein.-con., from C. T. McGrew & Bros., 1345 West Ocean Blvd., Long Beach, $160,163.

Calif., Los Angeles—Police Station—Apr. 14, by Bd. Pub. Wks., 2 story and basement, 70 x 155 ft., rein.-con. and brick, West Pico St. $150,000. Noted Feb. 19.

Calif., San Pedro—Club—Jay, Rogers & Stevenson, archts., Washington Bldg., Los Angeles, taking bids about Apr. 10, 5 story and basement, 145 x 185 ft., rein.-con., Beacon St., for Y. M. C. A., here. Noted Jan. 8.

CONTRACTS AWARDED

Mass., Boston—Apartment—Ninety Commonwealth Ave., Inc., c/o G. N. Jacobs, archt., 4 Park St., will build 8 story and basement, brick and cast stone, plain foundation, 90 Commonwealth Ave., by day labor under supervision of architect. $300,000. Noted Apr. 2.

Mass., Boston—Bank—Five Cent Savings Bank, W. E. Evans, pres., School St., 10 story and basement, 80 x 130 ft., rein.-con., brick and steel, 24-32 School St., to W. A. and H. A. Root, Park Sq. Bldg. Archts. est. $1,000,000. Noted Feb. 5.

Mass., Cambridge (Boston P. O.) — Garage—Kendall Sq. Building Trust, c/o F. E. Leland, archt., 292 Main St., 3 story, 105 x 292 ft., rein.-con., 20-50 Hayward St., Kendall Sq., to S. C. Sperry Co., 292 Main St. Archts. est. $250,000.

Mass., Haverhill—Clubhouse—Haverhill Country Club, 3 story, 60 x 150 ft., rein.-con., brick and stucco, to E. W. Pitman Co., Bay State Bldg., Lawrence. Archts. est. $150,000. Noted Feb. 26.

Mass., Melrose—Memorial—City, T. J. Edward, chn., Building Comn., 3 story and basement, brick and steel addition to soldiers and sailors memorial building, to Casey & Darcy, 1179 Tremont St., Roxbury. Archts. est. $150,000. Noted Mar. 19.

Mass., Pittsfield—Store and Office—Linden Realty Co., 41 North St., 2 story and basement, 85 x 100 ft., rein.-con. and brick, plain foundation, Linden and Worth Sts., to H. Bridgman, 100 North St. Archts. est. $150,000.

N. Y., New York—Apartment—J. F. Constr. Co., c/o S. V. Becker, archt. and engr., 1301 Boston Rd., will build 6 story, brick, steel and stone, plain foundation, Elliott Pl., by day labor. $225,000.

N. Y., New York—Apartment—Zimmerman Realty Co., c/o Margon & Glaser, archts. and engrs., 2806 23rd Ave., will build 5 story, brick, steel and stone, plain foundation, Bryant Ave. and 176th St., by day labor. $225,000.

Pa., Haverford—Apartment—R. E. Engle, Beach Haven, N. J., 4 story and basement, 48 x 69 ft. with two wings 33 x 126 ft., rein.-con. and stone, plain foundation, Montgomery Ave., to A. F. Hopewell, Rochester, N. Y. Archts. est. $300,000.

Pa., Johnstown—Municipal—City Council, City Hall, general contract 5 story and basement, 85 x 100 ft., brick on hollow tile and steel, Washington and Market Sts., to Berkibile Bros., Swank Bldg. Archts. est. $250,000. Noted Feb. 19.

Pa., Phila. — Bank — Federal Reserve Bank, 923 Chestnut St., 5 story and basement, 56 x 90 ft., brick and steel annex, plain foundation, 10th St. above Chestnut St., to J. Myers Sons Co., Witherspoon Bldg. Noted Feb. 26.

O., Akron—Storage—B. F. Goodrich Rubber Co., South Main St., 6 story and basement, 200 x 450 ft., brick and rein.-con., to Carmichael Constr. Co., 524 Central Savings & Trust Bldg. Archts. est. $500,000. Noted Mar. 5.

O., Canton—Mercantile—Thurin Carpet & Rug Co., 205 2nd St. N.E., 2 story and basement, 33x200 ft., steel, brick, concrete and terra cotta, Market Ave. N. between 4th and 5th Sts., to L. Kilgore, 351 21st St. N.W., $150,000. Noted Mar. 26.

O., Cincinnati—Apartment—C. P. Taft, 316 Pike St., 1 story and basement, 97 x 189 ft., rein.-con. and brick, plain foundation, 4th St., to Ohio Building & Constr. Co., Burnet Ave., $2,000,000.

O., Cleveland — Infirmiry — Dept. Pub. Welfare, Columbus, 2 story and basement, 146 x 180 ft., rein.-con. and brick, Cleveland State Hospital Grounds, here, to Reaugh Constr. Co., 2861 East 51st St., $143,000. Noted Mar. 12.

O., Cleveland—Lodging and Club House—Junior League of Cleveland, c/o J. Garfield, chn. Bd. Trustees, 2344 Prospect Ave., 4 story and basement, 40 x 112 ft., brick, steel and concrete addition, 2344 Prospect Ave., to Van Blarcom Co., National Bldg. Archts. est. $250,000. Noted Oct. 23.

O., Cleveland—Storage—Neal Fireproof Storage Co., A. W. Neal, pres., 7208 Euclid Ave., 7 story and basement, brick and rein.-con., Detroit Ave. and New York, Chicago & St. Louis R.R. tracks, to E. F. Gibbons Constr. Co., Union Trust Bldg. Archts. est. $200,000. Noted Mar. 19.

O., Lakewood (Cleveland P. O.)—Commercial and Apartment—Thompson Impvt. Co., c/o J. W. Thompson, 318 Chester-Twelfth Bldg., Cleveland, 3 story and basement, 68 x 100 ft., and 60 x 82 ft., brick and timber, Detroit and Lakeland Aves., here, to Duchon Constr. Co., Ulmer Bldg., Cleveland. Archts. est. $250,000. Noted Dec. 25.

O., Youngstown—Store—S. H. Kress Co., 114 5th Ave., New York City, 3 story and basement, 75 x 150 ft., brick, steel and concrete, West Federal St., to Austin Co., 16,112 Euclid Ave., Cleveland. Archts. est. $200,000.

Mich., Detroit—Theatre—Detroit Metropolitan Corp., Washington Blvd. Bldg., 12 story and basement, 150 x 220 ft., rein.-con., brick and steel, plain foundation, Bagley Ave., to Lundoff-Bicknell Co., B. F. Keith Bldg., Cleveland, O. Archts. est. $4,000,000. Noted Apr. 2.

Mich., Detroit—Theatre—Smith, Hinchman & Grylls, archts., 800 Marquette Bldg., 2 story and part basement, 60 x 150 ft., rein.-con., brick and tile, plain foundation, Jefferson Ave., to Fruechtel-Earl Co., 120 Madison Ave., for Players Holding Co. Archts. est. $150,000. Noted Jan. 29.

Wis., Fond du Lac—Theatre and Business—C. W. and G. L. Rapp, archts., 190 North State St., Chicago, Ill., 2 and 3 story and basement, 122 x 190 ft., brick, concrete and terra cotta, plain foundation, Main St., here, to Immel Constr. Co., Dana Bldg., for W. Schroeder, 86 Michigan Ave., Milwaukee. Archts. est. $350,000. Noted Mar. 12.

Wis., Milwaukee—Garage—E. W. Clark Motor Co., 456 Jackson St., 3 story part basement, 97 x 118 ft., brick and concrete, plain foundation, Ogden Ave., to Immel Constr. Co., Dana Bldg., Fond du Lac. Archts. est. $150,000. Noted Mar. 19.

Wis., Milwaukee—Refectory and Hospital—R. Messmer & Bros., archts., 221 Grand Ave., 2 story and basement, 32 x 50 ft., and 73 x 100 ft., brick and concrete, plain foundation, 31st St., to Dahlman Constr. Co., 456 Bway., for Concordia College, 3127 State St. Archts. est. $150,000. Noted Feb. 19.

Mich., Mt. Clemens—Hospital—Childrens Orthopedic Hospital, 2 story and basement, 80 x 215 ft. and 50 x 63 ft., rein.-con., brick and steel, plain foundation, Ballard Rd., to R. Hill, 408 West Fort St., Detroit. Archts. est. $150 000. Noted Mar. 12.

Ill., Joliet—Office and Theatre—H. A. and M. L. Reubens, c/o Princess Theatre, 4 story and basement, 150 x 200 ft., rein.-con., brick, stone and steel, Clinton and

Buildings—Commercial (Continued)

Scott Sts., to Kaiser & Ducett Constr. Co., Joliet Natl. Bank Bldg.

Minn., St. Paul—Warehouse and Garage—Tri-State Telephone & Telegraph Co., 369 Cedar St., general contract 3 story and basement rein.-con., brick and tile, 10th St. between Robert and Minnesota Sts., to P. Steenberg Constr. Co., 535 Endicott Bldg., about $150,000. Noted Feb. 5.

Kan., Hiawatha—Jail and Court House—Brown Co., general contract jail, 2 story and basement, 32 x 65 ft., and court house, 3 story and basement, 91 x 106 ft., rein.-con., brick and stone, to H. E. Wood, Aurora, Neb., $254,827; plumbing, to Industrial Heating & Plumbing Co., St. Joseph, Mo., $25,453.

Mo., St. Louis—Apartment and Garage—S. Hamburg, Arcade Bldg., 4 story and basement, 80 x 206 ft., rein.-con., brick, stone and terra cotta, 4616 Lindell Blvd., to Boaz-Kiel Constr. Co., Chouteau Trust Bldg. Archts. est. $450,000.

Mo., St. Louis—Natatorium, etc.—New Coliseum Co., 2608 Washington Ave., remodeling and improving 5 story, 203 x 291 ft. and 147 x 285 ft. coliseum into natatorium and recreational center, Washington, Jefferson and Locust Sts., to Natatorium Constr. Co., 50 East 42nd St., New York City. Archts. est. $250,000.

Mo., Springfield—Garage—N. F. Fellows, et al., 529 St. Louis Ave., 2 story and basement, 50 x 175 ft., rein.-con., brick and stone commercial garage, to Pauley Constr. Co., Land Bank Bldg.

Tex., Dallas—Warehouses—J. H. Simmons, North Texas Bldg., 3 and 4 story, 100 x 150 ft., brick and rein.-con., plain foundation, Griffin St., to Inge Constr. Co., Swiss and Hawkins Sts., $160,000 cost plus percentage basis.

Tex., Houston—Bank and Lodge—Owner, c/o H. L. Irwin, 3 story, 75 x 100 ft., brick, stone and rein.-con., Heights Blvd. and Washington Ave., to Tellepsen Constr. Co., 4100 Clay St., $175,000.

Calif., Los Angeles — Apartment — G. Kraus, 2047 West 28th St., 4 story and basement, 75 x 150 ft., brick and steel, Orange Dr., to E. M. Erdaly, 2096 West 28th St., approximately $150,000. Noted Jan. 8.

Calif., Los Angeles—Exchange—Parkinson & Parkinson, archts., Title Insurance Bldg., 3 story (ultimately 7 story) and basement, brick and steel, Meridan St., to Winter Constr. Co., 2400 West 7th St., for Southern California Telephone Co., 740 South Olive St. Approximately $157,125. Noted Mar. 26.

Calif., Los Angeles—Theatre and Apartment—West Coast Theatres, Inc., Knickerbocker Bldg., 2 story, 155 x 190 ft., rein.-con. and brick, 10th St. and Western Ave., to L. A. Smith, Lilly-Fletcher Bldg., $205,-500.

Calif., Oakland — Theatre — Reid Bros., archts., 150 Montgomery St., San Francisco, 2 story, Class "A" Theatre, Grand, Lakeside and Walker Aves., to G. B. Pasqualetti, 2330 Larkin St., San Francisco, for Karkski & Kaliski, c/o architects. $172,-000. Noted Mar. 5.

Calif., Santa Monica—Club—Edgewater Club, Grosse Bldg., Los Angeles, 7 story and basement, rein.-con., Pico St. and Ocean Front, to Winter Constr. Co., 2400 7th St., Los Angeles, $425,000.

Buildings—Educational, Religious

PROPOSED WORK

Mass., Acton—High School—City, E. Hall, chn. com., plans 2 story, high school, Kellys Corner. To exceed $150,000. Engineer and architect not selected.

Mass., Chelmsford — School — School Bd. having plans prepared by H. P. Graves, 40 Middlesex St., Lowell, 2 story and basement, brick and stone, plain foudation. $150,000.

Mass., New Bedford—High School—City, Municipal Bldg., rejected bids Mar. 25, 3 story and basement, brick and limestone, Court and County Sts. $1,000,000. Project abandoned. Noted Mar. 5.

Mass., New Bedford — High Schools — City, Municipal Bldg., plans Junior High School in south section, $500,000, Leary & Walker, 307 Times Bldg., archts., also North Junior High School, $500,000, W. Tallman, 127 Union St., archt. Noted Jan. 15.

Mass., South Braintree (Ind. br. Boston) — School — School Bd., Braintree, plans grade school here. $150,000. Engineer and architect not selected.

Mass., Ware—Church—East Congregational Church Society, C. B. Weatherby, chn. building com., having sketches made by Frohman, Robb & Little, 140 Boylston St., Boston, 1 story and basement, brick and stone church. $150,000. Noted Mar. 12.

Conn., East Hartford (Hartford P. O.)—School—W. R. Carroll, chn. of bd., Comstock Bldg., having plans prepared by W. T. Marchant, 36 Pearl St., Hartford, 2 story and basement, brick and steel, Darien St. $150,000.

N. J., Englewood—Parish House—Englewood Presbyterian Church soon takes bids 3 story and basement, stone and stucco, plain foundation. $150,000 or more. Allen & Collins, 75 Newbury St., Boston, Mass., archts.

Pennsylvania—School—East Deer Twp. Bd. Educ., c/o J. H. Clark, supt., Tarentum, having plans prepared by J. H. Phillips, P. O. Box 977, Pittsburgh, 2 story and basement, 90 x 159 ft., brick and tile grade school, between Glassmere and Creighton. $150,000.

Pa., Bryn Mawr—Students—Bryn Mawr College having plans prepared by Cram & Ferguson, 248 Boylston St., Boston, Mass., students building. To exceed $150,000.

Md., Baltimore—Church, Sunday School and Parsonage—First and St. Stephens Reformed Church, c/o C. N. and N. Friz, archts., Lexington Bldg., having plans prepared 1 and 2 story, 70 x 120 ft. brick, plain foundation, York Rd. $150,000.

N. C., Gastonia—Schools—Voted $200,000 bonds, new grammer school and improving high school.

Ala., Huntsville — High School — Plans new high school. $150,000 bonds sold.

La., Shreveport—Church—Kings Highway Christian Congregation having preliminary plans prepared by Jones, Roessle, Olschner & Weiner, Maison Blanche Bldg., New Orleans, 2 story, rein.-con. and brick church and Sunday school. $250,000.

O., Cleveland—College—Sisters of Notre Dame, Mother Evarista, Sister Superior, 1325 Ansel Rd., having plans prepared by T. D. McLaughlin, 610 Savings Bldg., Lima, 3 story and basement, brick, steel and concrete, Green Rd. $350,000.

Mich., Detroit—School—St. Marys Parish, St. Mary and Grand River Aves., having plans prepared by McGrath, Dohman & Page, 2231 Park Ave., 2 story and basement, 100 x 107 ft., rein.-con., brick and steel, plain foundation, Grand River Ave. $160,000.

Ia., Des Moines—Educational Exhibit—State of Iowa Fair Assn., having sketches made by Keffer & Jones, 704 Masonic Temple Bldg., 2 story and basement, brick and concrete, fair grounds. $250,000.

Minn., Minneapolis—School—St. Helena's Roman Catholic Parish, 432 33rd Ave. S., having plans prepared by J. H. Wheeler, 508 Exchange Bank Bldg., St. Paul, 2 story and basement, brick and stone, 33rd Ave. S. and 43rd St. $175,000.

Minn., St. Peter — Science — Gustavus Adolphus College, C. J. Johnson, plans 2 story and basement, rein.-con., brick and stone science building. $300,000. Engineer and architect not selected.

Mo., Columbia — Church — Christian Church Congregation plans church. $300,-000 of which $125,000 is available. W. M. Haushater, pastor.

Mo., Kirksville—School—Bd. Educ. election Apr. 7, $200,000 bonds for school. Engineer and architect not selected.

Okla., Okmulgee—Church—Catholics of Okmulgee had plans prepared by Mormot & Reid, Elks Bldg., Oklahoma City, 1 story and basement, 80 x 175 ft., rein.-con. and brick church. $250,000.

Okla., Tulsa—High School—Bd. Educ., F. E. Duncan, pres., having plans prepared by L. I. Shumway, 725 New Wright Bldg., Junior High School, 2 story and basement, 128 x 282 ft., rein.-con., brick and steel, plain foundation, 11th and Delaware Sts., $350,000. Cook & White, 409 Interstate Bldg., Kansas City, Mo., mechanical engr.

Wash., Seattle — Schools — City having plans prepared by F. A. Naramore, city archt., additions to Ballard High School, Franklin High School, Georgetown Intermediate High School, intermediate near Lincoln High School, North End Intermediate School, etc. $2,250,000. Noted Jan. 29.

Calif., Albany—Church—Albany Community Methodist Church, Marion and Stannage Aves., plans church, Stannage Ave. $150,000.

Calif., Beverly Hills—University—State plans election approximately $2,500,000 bonds, group of buildings, for University of Southern California, here.

Calif., Burlingame — School — Roman Catholic Archbishop, 1100 Franklin St., San Francisco, having plans prepared by G. E. McCrea, 369 Pine St., San Francisco, 2 story, rein.-con. school, here. $150,000.

Calif., Carmel—School—Carmel Grammar School Dist. having plans prepared by J. J. Donovan, Tapscott Bldg., Oakland, fireproof school. $150,000.

Calif., Culver City — Academy — Pacific Military Academy, having plans prepared by H. H. Whiteley, Madison Ave., 3 story and basement, 120 x 220 ft., probably brick military academy.

Calif., Escondido — School — Escondido Union High School Dist. plans election $150,000 bonds, group of school buildings.

Calif., Fresno—Church—Trinity Methodist Episcopal Church, c/o J. E. Vandagriff, pastor, having preliminary plans prepared by Tuttle & Tuttle, 363 17th St., Oakland, for church, Van Ness Ave. $150,000.

Calif., Glendora — School — Girl's Collegiate School, c/o M. Hunt, archt., Hibernian Bldg., Los Angeles, having plans prepared (1st unit) 5 buildings comprising classrooms, housing accomodations, etc. $200,000.

Calif., Los Angeles—Church—Immanuel Presbyterian Church, H. B. Smith, pastor, 1000 South Figueron St., had plans prepared by C. F. Skilling, 430 Bradbury Bldg., 2 story and basement, 135 x 150 ft., rein.-con. and steel, Wilshire Blvd. and Berendo St. $800,000.

Calif., Oakland — School — City having plans prepared by W. J. Miller, 417 Market St., San Francisco, Hamilton School, 1 story, stucco and timber. $180,000.

Calif., Redlands — Dormitory — N. F. Marsh, archt., Bway.—Central Bldg., Los Angeles, soon takes bids 3 story, 50 x 175 ft., rein.-con. dormitory, for University of Redlands. $150,000. Noted Feb. 19.

Calif., San Francisco—Schools—City and San Francisco Co. having plans prepared by J. Reid, Jr., 1st Natl. Bank Bldg., 2 schools, 1 in Forest Hill Dist. and other at 17th and Sanchez Sts., both fireproof. Each to exceed $150,000.

Ont., Belleville—Collegiate—Bd. Educ., A. McGee, chn. 208 Front St., plans 3 story and basement, 25 room, rein.-con., brick and steel, plain foundation. $350,000. Engineer and architect not selected.

Ont., Kingston—School—Bd. Educ. wants competitive plans for 2 story and basement, 8 room, rein.-con., brick and steel addition to Rideau School, plain foundation. $150,000. T. G. Bishop, trustee.

Ont., Welland — School — School Bd., D. Ross, chn., plans 2 story and basement, 8 or 10 room, rein.-con., brick and steel, plain foundation, North Ward. $150,000. Engineer and architect not selected.

BIDS DESIRED

Mass., Arlington (Boston P. O.)—School—Bd. Educ., E. R. Baker, chn., taking bids 2 story and basement, 80 x 155 ft., brick and stone, plain foundation, Lake St. $200,000. Brainard & Leeds, 89 Franklin St., Boston, archt. Noted Mar. 12.

Mass., Attleboro—High School—School Bd. taking bids 2 story and basement, brick addition. $200,000. H. B. Prescott, 12 Pearl St., Boston, archt. Noted Jan. 29.

Mass., Fall River — Church — Union Methodist Episcopal Church, R. A. Colpitts, pastor, Prospect St., taking bids 1 and 3 story, brick and stone church and parish house, Howard Ave. and Pearce St. $350,-000. Woodbury & Stuart, 581 Boylston St., Boston, archt. Noted Mar. 29.

Mass., Grafton—Schools—School Bd. taking bids 2 story and basement, brick and stone new school and 2 school additions. $150,000. Brainard & Leeds, 89 Franklin St., Boston, archt. Noted Feb. 5.

Mass., Holden — High School — School Comn., taking bids 2 story and basement, rein.-con., brick and stone, plain founda-

Buildings—Educational, Religious (Cont.)

tion. $150,000. Brainard & Leeds, 89 Franklin St., Boston, archts. Noted Feb. 19.

Mass., Randolph—High School—School Comn., taking bids 2 story and basement, brick and stone addition, Main St. $150,000. Funk & Wilcox, 26 Pemberton Sq., Boston, archts. Noted Feb. 19.

Mass., Swampscott—Church—First Congregational Church taking bids 1 story and basement, 60 x 100 ft., brick and stone, Burrill St. $150,000. Smith & Walker, 80 Boylston St., Boston, archts. Noted May 22.

R. I., Providence—Church, etc.—Sacred Church of Christ Christian Science Parish, c/o C. H. Lockwood, archt., 171 Westminster St., taking bids 1 story, 70 x 100 ft., brick and steel church and reading room, plain foundation. $150,000-$175,000. Noted Mar. 19.

N. Y., Buffalo—School—Apr. 16, by Bd. Educ., 900 Genesee Bldg., P. S. 72, Lorraine Ave. $500,000.

Pa., Perrysville — Convent — Kauzor Bros., archts., Dollar Savings & Trust Bldg., N. S. Pittsburgh, taking bids 4 story and basement, brick on hollow tile and steel, near here, for Sisters of Divine Providence, 1725 Lincoln Ave., Pittsburgh. $500,000.

Pa., Phila. — Church — Apr. 13, by P. Monaghan, archt., 1713 Sansom St., stone and steel, plain foundation, Price and Arleigh Sts., for Church Immaculate Conception, c/o M. J. Higgins, pastor. $200,000.

Pa., Phila. — High School — Apr. 11, by Hoffman-Henon Co., archts., Finance Bldg., 3 story and basement, 75 x 82 ft., and 70 x 345 ft., brick and steel, plain foundation, Jasper Pike, Hunting Park and Torresdale St., for Catholic Diocese of Phila., 18th and Race Sts.

Pa., West View — Mother House and Academy—Kauzor Bros., archts., Dollar Savings & Trust Bldg., Pittsburgh, taking sub-bids 3 story and basement, 156 x 272 ft., Perrysville and West View Aves., here, for Benedectine Sisters, 832 Church Ave., Pittsburgh. Noted Aug. 14.

Conn., Southington—School—Apr. 15, by Town 2 story, 80 x 147 ft., tapestry brick and stone, Main St. $160,000. W. T. Arnold, 32 West Main St., Meriden, archt. Noted Apr. 2.

O., Norwood—School—Apr. 20, by Bd. Educ., 1 story and basement, rein.-con. and brick, Hannaford St. $200,000. S. Hannaford & Sons, 1024 Dixie Terminal Bldg., Cincinnati, archts. Noted Mar. 12.

Ill., Chicago—School—Bd. Educ., J. E. Byrnes, bus. mgr., 650 South Clark St., taking bids 3 story and basement, rein.-con., brick and stone addition to Franklin School, plain foundation. $400,000. J. C. Christensen, 650 South Clark St., archt.

Ill., Downers Grove—School—Shattuck & Layer, archts., 19 South LaSalle St., Chicago, taking bids 2 story and basement, 69 x 125 ft., rein.-con. and brick, plain foundation, here, $165,000 for St. Josephs Catholic Church, E. B. Goodwin, pastor.

Neb., Lincoln—High School—Apr. 22, by Bd. Educ., J. G. Ludlam, secy., Clinton High School, 2 story and part basement, 172 x 236 ft., rein.-con., brick and terra cotta or stone, 29th and Holdredge Sts. $250,000. Fiske, Meginnis & Schaumber, 533 Bankers Life Bldg., archt. Noted Mar. 19.

Neb., Lincoln—School—Apr. 23, by Bd. Educ., J. G. Ludlam, secy., 2 story and basement, 65 x 100 ft., rein.-con., brick and stone, Sheridan Park and Wendover Ave. $150,000. Davis & Wilson, 525 South 14th St., archts. Noted Jan. 15.

Mo., Hannibal — High School — Apr. 17, by Bd. Educ., E. F. Mangles, secy., Eugene Field Jr., High School. 2 story and basement, rein.-con. and brick. $175,000. M. S. Martin, Odd Fellows Bldg., archt.

Calif., Los Angeles—Schools—Apr. 15, by Bd. Educ., Vernon School, 2 story, 125 x 125 ft., timber, Ruoff & Munson, Story Bldg., archt.; and 3 story, 20 classroom School, 3 story, 90 x 165 ft. gymnasium and 1 story, 77 x 131 ft., all brick and concrete additions to Roosevelt High School. Hunt & Burns, Laughlin Bldg., archts. Noted Apr. 2.

BIDS RECEIVED

Mass., New Bedford—High School—School Comn., 3 story and basement, 150 x 225 ft., rein.-con., brick and steel, County and Morgan Sts., from J. Bowen & Co., 108 Dudley St., Roxbury, $840,000. Noted Feb. 26.

Md., Baltimore—School—Mayor and City Council, 3 story, 83 x 142 ft., concrete and brick, plain foundation, Old Frederick Rd., from Price Constr. Co., Maryland Trust Bldg., $245,900.

Ill., Fairfield—School—Bd. Educ., Mar. 31, general control 3 story and basement, 60 x 160 ft. school and 54 x 70 ft. gymnasium, rein.-con., brick and stone, from Barenfanger Bros., Salem, $111,193. Noted Mar. 26.

Calif., Oakland—School—Bd. Educ., Mar. 24, general contract Cole School, fireproof, from A. Olson, Builders Exch. Bldg., $137,398. Noted Mar. 19.

CONTRACTS AWARDED

Mass., Newtonville (Ind. Br. Boston)—High School—City of Newton, H. Fitts, city chn., 3 story and basement, brick and stone, plain foundation, Elm Rd. and Walnut St., here, to C. S. Cunningham & Sons Constr. Co., 80 Boylston St., Boston, $568,564; plumbing, to R. H. Baker & Co., 304 main St., Cambridge, $30,357; heating system, to Lynch & Woodward, 202 Harrison Ave., Boston, $57,953. Noted Mar. 19.

Mass., Worcester—School—Pub. Buildings Dept., Main St., 2 story and basement, 60 x 120 ft., brick and stone, Crawford St., to O. Dyer, 10 Bell Ave. Archts. est. $150,000. Noted May 26.

Conn., Norwich—School—St. Joseph Roman Catholic Parish, S. A. Ilick, pastor, 2 story and basement, brick and cast stone, Bliss St., to P. F. Sweeney, 25 Chestnut St. Archts. est. $150,000. Noted Mar. 26.

Conn., Waterbury—School—St. Josepns Roman Catholic Church, 2 story and basement, 70x100 ft., brick and stone, on John St., to Lariviere & Highland, 280 South Main St. $150,000.

N. J., Riverside—School—Bd. Educ., 3 story, 12 room addition to Washington St. School, general contract to C. Moses, Edgewater Park, $115,974; heating, to G. H. Orfe, Jr., Riverside, $28,838.

Mich., Detroit—College—D. A. Bohlen & Son, archts., North Illinois St., Indianapolis, Ind., 3 story and basement, rein.-con., brick and stone, plain foundation, Wyoming Ave., here, to W. E. Wood & Co., 1805 Ford Bldg., for Immaculate Heart of Mary College, 1219 Washington Blvd. Archts. est. $300,000. Noted Mar. 5.

Mich., Detroit—School—Bd. Educ., 1354 Bway., 2 story and basement, rein.-con., brick and steel, plain foundation, Dickerson Ave., to M. A. Mahoney, 400 Penobscot Bldg. Archts. est. $175,000.

Minn., Minneapolis—Schools—Bd. Educ., 305 City Hall, 2 story and basement rein.-con. addition, 44th and Girard Aves. N., general contract, to J. Fletcher Co., 505 Plymouth Bldg., $80,000; 2 story and basement, 40 x 150 ft. rein.-con. addition, Oliver and 10th Aves. N., to Pehrson Bros., 555 Temple Court, $59,456. Noted Apr. 2.

Mo., Normandy — College — Passionist Preparatory College, 2 and 3 story, rein.-con., brick and stone seminary and college incl. dormitory, study hall, refectory, kitchen, recreation rooms, class rooms and enclosed cloister connecting new chapel with main building, to Duffner & Stecker Constr. Co., 119 North 7th St., St. Louis. Archts. est. $160,000.

Tex., Houston—High School—Bd. Educ., 1600 Washington Ave., Eastwood Junior School, 3 story, brick, stone, steel and rein.-con., Polk Ave. and Baird St., to C. Curts, 200 Preston Ave., $406,600; Junior High School, 3 story, brick, steel, stone and rein.-con., at Norhill addition, to C. E. Raper & Son, 1709 Yale St., $432,000. Noted Feb. 26.

Calif., Alhambra—Church—C. F. Skilling, archt., Bradbury Bldg., Los Angeles, 50 x 95 ft. sunday school building, 65 x 145 ft. educational building, and 65 x 70 ft. pastors study, etc., all 1 story, brick and timber, Main and Almanson Sts., here, to Steed Bros., 305 North Garfield St., for First Methodist Episcopal Church. $157,740. Noted Mar. 5.

Ont., Collingwood — High School — Bd. Educ., 2 story and basement, 10 room, rein.-con., brick and steel, plain foundation, general contract, to H. Thomas & Sons, Galt, $125,000; structural steel, to Hamilton Bridge Wks. Ltd., Waterfront, Hamilton; reinforcing steel, to H. C. Lefroy Eng. Co., Ryrie Bldg., Toronto. Archts. total est. $160,000. Noted Jan. 22.

Ont., Petrolia—High School—Bd. Educ., general contract 2 story and basement, 8 room, rein.-con., brick and steel, plain foundation, to Anderson & Bath, Midland. Archts. total est. $150,000. Noted Feb. 12.

Federal Government Work

PROPOSED WORK

R. I., Melville—Chimney—Spec. 5101—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans radial brick chimney at Naval Fuel depot here.

Wash., Puget Sound—Shells—Spec. 5095—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans placing rein.-con. shells around existing shafts and bells, and replacing missing concrete of unsound portion of timber piles under bells.

BIDS DESIRED

N. Y., Governors Island (br. of New York)—Repairs to Sea Wall—Apr. 23, at office Constructing Quartermaster, Room 510, 39 Whitehall St., New York City, repairing sea wall, here; adv. E. N.-R. Apr. 9.

N. Y., New York—Repairs—Apr. 22, by Quartermaster, Ft. Wood, repairs to Statue of Liberty, Bedloes Island; adv. E. N.-R. Apr. 9.

Ky., Louisville—Metal Work—Apr. 29, by U. S. Engineer Office, P. O. Box 72, metal work for Navigable Pass, Dam 46, Ohio River; adv. E. N.-R. Apr. 9.

Ind., Newburg—Dam—May 7, by U. S. Engineer Office, P. O. Box 72, Louisville, Ky., constructing Dam 47, Ohio River, and abutment, here; adv. E. N.-R. Apr. 9.

Mich., Detroit—Dredging—Apr. 30, by U. S. Engineer Office, dredging ship channel, south end of Lake Huron; adv. E. N.-R. Apr. 9.

Mich., Detroit — Borings — Apr. 30, by U. S. Engineer Office, War Dept., Wash., D. C., borings in Galop, Massena, Long Sault Rapids and Barnhart Island Sections of St. Lawrence River, here.

Ill., Great Lakes—Bridge—Spec. 5065—Apr. 29, by Bureau Yards & Docks, Navy Dept., Wash., D. C., bridge here.

Minn., Duluth—Breakwater—May 4, by U. S. Engineer Office, removing stone filled timber superstructure and constructing and constructing concrete superstructure on east breakwater, at Agate Bay (Two Harbors); adv. E. N.-R. Apr. 9.

Tex., Galveston—Power Line—Spec. 5053—Apr. 29, by Bureau Yards & Docks, Navy Dept., Wash., D. C., electric power line, part overhead and part underground at Naval Radio Sta., here.

Nevada—Roads—Apr. 15, by C. H. Sweetser, dist. engr., U. S. Bureau Pub. Rds., 9 Main St., San Francisco, Calif., grading and crushed gravel surfacing 5.75 mi. Grimes Sect. Austin-East Natl. Forest Highway, Lander Co.; grading 2 mi. and crushed gravel surfacing 19.46 mi. Austin-West Natl. Forest Highway, Lander Co.

Calif., Mare Island—Paving—Spec. 5092—Apr. 20, by Bureau Yards & Docks, Navy Dept., Wash., D. C., asphalt wearing surface on causeway connecting Mare Island and Vallejo.

H. T., Pearl Harbor—Paving—Spec. 5076—Apr. 29, by Bureau Yards & Docks, Navy Dept., Wash., D. C., concrete pavement and runway here.

BIDS RECEIVED

La., Thibodaux—Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., post office, here, from Deams & Groggin, Willamstown, Mass., $29,870. Noted Mar. 12.

O., Chillicothe—Drainage—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., drainage at U. S. Veterans Hospital, here, from Federal Constr. Co., 417 46th St., Newport News, Va., $11,581.

Wis., Milwaukee—Cement—U. S. Engineer Office, 12,000 bbl. Portland cement, from W. H. Pipkorn Co., 712 Park Ave., $2.265 per bbl. Noted Mar. 19.

Wis., Milwaukee—Gravel and Sand—U. S. Engineer Office, from Construction Materials Co., 133 West Washington St., Chicago, Ill., 10,000 tons gravel $1.70 per ton, and 5,000 tons sand $1.30. Noted Mar. 19.

Mo., Jefferson Barracks—Road Work—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., road work at U. S. Veterans

Federal Government Work (Continued)

Hospital, here, from F. C. Stolle, St. Louis, $9,500.

CONTRACTS AWARDED

R. I., Providence—Dredging—U. S. Engineer Office, dredging in Connecticut River below Hartford, to Hartford and New York Transportation Co., Pier 20, East River, New York City, $14,750.

Va., Norfolk—Alterations—Spec. 5074—Bureau Yards & Docks, Navy Dept., Wash., D. C. alterations to Building 36, here to H. M. Locas, 115 Bruce St., Portsmouth, $2,739 (60 days.)

Neb., Mitchell—Dam—Bureau Reclamation constructing Guernsey Dam, to Utah Constr. Co., Eccles Bldg., Ogden, Utah, $1,288,131. Noted Feb. 5.

FEDERAL POWER COMMISSION

Application for Licenses and Permits

Applications

584—Red River Lumber Co., 807 Hennepin Ave., Minneapolis, Minn.—Wants license for transmission line and supplementary telephone line extending from Hat Creek No. 1 power house of Pacific Coast Electric Co. to town of Westwood, 55.6 mi. long, in Lassen and Shasta Counties.

585—Missouri Hydro-Electric Power Co., Kansas City, Mo.—Wants preliminary permit for development in Current River, in Ripley, Carter and Shannon Counties, incl. three 60 x 75 ft. dams, 200 ft. high, one at Hargus Eddy, one at Bass Rock, and other at point 10 mi. below mouth of Jacks Fork.

587—Washington Water Power Co., 825 Trent St., Spokane, Wash.—Wants license for about 163.7 mi. transmission line in Grant, Lincoln, Douglas, Chelan and Okanogan Counties.

Unclassified

PROPOSED WORK

Subway—Boston, Mass.—Transit Dept., 1 Beacon St., plans subway under Huntington Ave. and Stuart St., from Massachusetts St. across Washington St. to Church Green. To exceed $25,000. T. F. Sullivan, chn.

Park and Monument—Dedham, Mass.—Bd. Selectmen plans Memorial World War Park and Monument. $114,500. Engineer not selected.

Playground—East Boston (Boston P. O.), **Mass.**—Park Dept., 33 Beacon St., Boston, plans improving Orient Heights Public Playground. $50,000. J. B. Shea, chn.

Lighting System—Roxbury (Boston P. O.) **Mass.**—Dept. Pub. Wks., Boston, plans "Great White Way" lighting system along Washington and Warren Sts., here. $25,000 or more. J. A. Rourke, comr.

Playground — South Boston (Boston P. O.), Mass.—Park Dept., 33 Beacon St., Boston, plans developing and constructing Castle Island into playground, and bituminous macadam paving and granolithic sidewalks on Boulevard leading to same from Shore Blvd. to Island Pier, here. $400,000. J. B. Shea, chn.

Grain Elevator—Buffalo, N. Y.—Standard Milling Co., 49 Wall St., New York City, plans rein.-con. grain elevator, Buffalo River and Hamburg St., here. $2,000,000.

Power Line—Alabama—Gulf Electric Co., subsidiary of Alabama Power Co., B-M Bldg., Birmingham, purchased Pea River Power Co., and plans extending power lines which run through Union Springs to Pensacola, Fla., Troy, and other Alabama towns. A. B. Foster, Troy, pres.

Transmission Line—Alabama—Alabama Power Co., B-M Bldg., Birmingham, plans 20 mi. high-power transmission line from Fulton Springs to Oneonta. $200,000.

Light Extensions — Nashville, Tenn.—Plans election $100,000 bonds for electric light extension to territory to be annexed. H. E. Howse, mayor.

Street Lighting System—Portage, Wis.—C. J. Loomis, city clk., soon takes bids ornamental street lighting system on various streets. $25,000. C. H. Shepherd, 38 South Dearborn St., Chicago, Ill., engr.

Transmission Line—Oklahoma—Town of Vici having surveys made for distribution system, and 28 mi. transmission line from Vici to Woodward. $30,000. Gantt-Baker Co., 1116 West Main St., Oklahoma City, engrs.

Amusement Park—Lankershim, Calif.—E. A. Wallace, Burbank and E. B. O'Donnell, Lankershim, plan concession buildings, dance pavilon, theatre, also steel observation tower, etc. $150,000 or more.

Park Improvements—Monterey, Calif.—Plans election $100,000 bonds to purchase site and lay out public park. H. D. Severance, city engr.

Land Development—Morro Bay, Calif.—C. E. Murphy, et al, 4409 South Main St., Los Angeles, plans developing approximately 1,000 acres, constructing hotel, golf course, artificial lakes, clubhouse, game preserves, street paving, etc., here. $250,000.

Street Lighting System—Oakland, Calif.—Plans ornamental street lighting system around Lake Merritt. $71,200.

Stadium—Palo Alto, Calif. — Stamford University, having plans prepared rein.-con. stadium addition. To exceed $150,000. Baker & Carpenter, Holbrook Bldg., San Francisco, engrs. Noted Jan. 22.

Street Lighting System—Redondo Beach, Calif.—City, W. J. Balaam, clk., plans approximately 300 c.l. standards on portions of Beryl, Diamond Sts., etc. To exceed $25,000.

Tunnel—San Francisco, Calif.—City and San Francisco Co. making plans pedestrain tunnel under Market St. at Powell St. To exceed $25,000. M. M. O'Shaughnessy, city engr.

Power Development—Victorville, Calif.—See "Excavation, Drainage, Irrigation, Levees."

Power Development — Carillon, Que.—E. N. Robert (promoter), 263 St. James St., Montreal, preparing plans hydro electric development, here. $50,000,000. J. A. Fleet, c/o owner, engr.

Gas Distribution System—Three Rivers, Que.—C. G. Hebert, (owner and engr.), Montreal, preparing plans gas distribution system, here. $150,000.

Electric Light System — Amherstburg, Ont.—Plans extending electric light and power system. $25,000.

Drilling — Newbury, Ont. — G. Willitt plans drilling oil and gas. $40,000.

Wharf—Pembroke, Ont.—See "Excavation, Drainage, Irrigation, Levees."

Transmission Line—Port Colborne, Ont.—Hydro Electric Power Comn., 190 University Ave., Toronto, plans 10 mi. transmission line from here westerly. Will probably build by day labor. F. A. Gaby, ch. engr.

Electric Light System—Toronto, Ont.—Plans improving and repairing electric light system in downtown section, c.i. standards, underground conduit, etc. $30,000. R. C. Harris, city engr.

BIDS DESIRED

Park—Lowell, Mass.—Apr. 15, by Park Commissioner, development of Shedd Park as public park and playground. $100,000. R. W. Beal, 62 Summer St., Boston, archt.

Athletic Field and Field House—Brooklyn, N. Y.—Apr. 14, by Br. Educ., 500 Park Ave., New York City, athletic field and field house, Pennsylvania Ave. in connection with Thomas Jefferson High School, here. W. H. Gompert, supt. school buildings, Flatbush Ave. Extension and Concord St., archt. and engrs.

Core Borings—Camden, N. J.—Apr. 20, by State Hy. Comn., Trenton, 1,840 lin.ft. casings to be sunk, and core borings, etc. on Bridge Approach Blvd. near Cooper River, here. A. L. Grover, secy.; adv. E. N.-R. Apr. 9.

Playhouse, etc.—Roselle (Ind. Br. Elizabeth), **N. J.** — Apr. 14, by Union Co. Park Comn., Warinanco Park, Elizabeth, childrens' playhouse, pergola, and wading pool in Warinanco Park, here. C. Poggi, 275 Morris Ave., Elizabeth, archt.

Fill—Phila., Pa.—Apr. 14, by G. W. Biles, dir. Dept. Pub. Wks., fill for stadium, east of Broad St. and south of Pattison Ave. Noted Apr. 2.

Street Lighting System—St. Paul, Minn.—Apr. 14, by H. W. Austin, city purch. agt., one hundred and eighty-four 13 ft. single light standards with copper and bronze lanterns, etc. on Portland Ave. between Snelling and Cleveland Aves., nineteen 13 ft. single light standards, etc., on Central Park Pl., E. and W. between Summitt and Central Aves.; fifty-five 15 ft. single light standards, etc., on 55th St. between St. Peter and 4th Sts. G. M. Shepard, city engr.

BIDS RECEIVED

Inspection Sheds—New York, N. Y.—Bd. Transportation, 49 Lafayette St., Apr. 2, constructing inspection shed in Westchester Ave. and 239th St. Yards, from D. C. Serber, 1123 Bway., $512,248. Noted Mar. 26.

Subway—New York, N. Y.—Bd. Transportation, 49 Lafayette St., Apr. 3, part of rapid transit railroad Sect. 1, Route 78, along and under Central Park West from 68th to 77th Sts., from J. F. Cogan Co., Grand Central Bldg., $4,190,000. Noted Mar. 26.

Culvert — Dorchester (Boston P. O.), **Mass.**—Metropolitan Dist. Comn. 1, Ashburton Pl., Boston, rein.-con. culvert at Pattens Cove, here, from Bay State Dredging & Contg. Co., 60 Condor St., East Boston, $40,225. Noted Mar. 19.

CONTRACTS AWARDED

Subway—Brooklyn, N. Y.—Bd. Transportation, 49 Lafayette St., New York City, laying track for portion of 4th Ave. subway line, here, to Slattery Eng. & Contg. Co., 10 East 43rd St., New York City, $31,391. Noted Apr. 2.

Grain Elevator—Buffalo, N. Y.—Washburn-Crosby Co., Ganson and Michigan Sts., grain elevator annex to flour mill, Ganson St., here, to Folwell-Ahlskog Co., 323 North Michigan Ave., Chicago, Ill., to exceed $1,000,000.

Station Finish—Long Island City, N. Y.—Bd. Transportation, 49 Lafayette St., New York City, station finish for Willets Point Blvd. Sta. on Rapid Transit R.R., here, to M. Del Balso, 660 East 221st St., New York City, $99,381. Noted Apr. 2.

Grandstand—Fredonia, Pa.—Chautauqua Co. Agriculture Assn., 1 story, rein.-con., 5,000 seating capacity, to Dresser-Minton-Scobell Co., The Arcade, Cleveland, O. Archts. est. $80,000.

Stadium — Columbus, Ga. — Concrete stadium, 10,000 seating capacity, to Columbus Constr. Co., Murrah Bldg., Columbus, $45,087.

Pavilion — Nashville, Tenn. — Tennessee State Fair Comn., L. Hickman, chn. Court House, 116 x 230 ft. live stock pavilion, rein.-con., at State Fair grounds, to Sumner Constr. Co., 155 4th Ave. N., Nashville, $150,000. Noted Mar. 26.

Foundation — Cleveland, O. — Cleveland Electric Illuminating Co., c/o J. Wolf, Illuminating Bldg., foundation for 4 story, 283 x 315 ft., rein.-con. and brick electric generating station, Avon Beach, to Hunkin-Conkey Constr. Co., Hunkin-Conkey Bldg. Noted Dec. 25 under "Buildings—Industrial."

Grain Elevator — Council Bluffs, Ia. — Chicago, Rock Island & Pacific R.R. Co., LaSalle Sta., Chicago, Ill., will build rein.-con. grain elevator, 30th St. and 1st Ave., here, by day labor. $200,000. Private plans. Noted Mar. 12.

Guard Rail — South Dakota — State Hy. Comn., Pierre, **(F. A. P. means Federal Aid Project)** 1,488 ft. wood guard rail for F. A. P. 163 A, Lawrence Butte Co., and 3,984 ft. for F. A. P. 169 A, Pennington Co., to A. Olund, Detroit, Mich., $669 and $1,793 respectively; 4,408 ft. wire link guardrail for F. A. P. 160 Brook-Moody Co., to P. G. Thompson, Summit, $1,940, 3,472 ft. for F. A. P. 186 A, Davidson Co., and 4,472 ft. for F. A. P. 175, Hand Co., to Western Bridge Constr. Co., 748 Peters Trust Bldg., Omaha, Neb., $1,788 and $2,348 respectively. Noted Mar. 12.

Storage Tanks — Kansas City, Mo. — Washburn-Crosby Milling Co., 714 Bd. Trade Bldg., general contract 500,000-750,000 bu. rein.-con. storage tanks, to Jones-Hettelsater Constr. Co., 708 Mutual Bldg. Archts. est. $200,000.

Ornamental Street Lighting System — Colton, Calif. — Street lighting system on La Cadena Ave. and 8th St., to Reid & Co., Grant Bldg., Los Angeles, $34,577. Noted Feb. 5 and Mar. 5.

Tunnel and Transmission Line—Fresno, Calif.—See "Buildings—Industrial."

Ornamental Street Lighting System — Los Angeles, Calif.—Pressed steel standards on Santa Barbara Ave. between Main and Western Aves., to C. A. Rice, 1963 Santee St., $69,176. Noted Apr. 2.

Power Line — Fenwick, Ont. — Ontario Hydro Power Comn., A. Beck, chn., London, will build power line through northern part of Pelham Twp., by day labor under supervision of owners engineers. $25,000

SEARCHLIGHT SECTION

OFFICIAL PROPOSALS

Copy: Official Proposals reaching our New York Office by 10 A. M., Tuesday can usually be printed in the issue out Thursday.

Rate:
40 Cents a Line an Insertion

Plans and Specifications for inspection by distant bidders may be filed at any of the Engineering News-Record offices without charge.

THESE ARE OFFICIAL NOTICES THAT BIDS ARE WANTED FROM BIDDERS EVERYWHERE

E.N.-R.

OFFICIAL PROPOSALS

Bids: April 15.

Road Materials

Newton, N. J.

Notice is hereby given that sealed bids will be received by the Board of Freeholders of the County of Sussex, for furnishing and applying as per specifications:

Item I 25,000 Gal. Grade N.A.[4]; O.A.[4]; X or U[3] bitumen.

Item II 25,000 Gal. Grade B. Tar or U.B. and for furnishing and delivering as per specifications.

Item III 2,000 Gal. Grade H.K.; K.P.; U.C.; or A.E.; Cold Patch.

Item IV 350 Tons Calcium Chloride Dust Layer.

Item V 700 Tons Slag Dustless Screenings.

Item VI 2,000 Tons of Trap Rock, Dolemite or Limestone, Dustless Screenings and open and read in public at the Freeholders Office, Newton, N. J. on April 15th 1925 at 11:30 A.M. Standard Time.

Specifications, forms of bid, contract and bond for the proposed work, prepared by Harvey Snook, County Engineer and approved by the State Highway Commission have been filed in the office of said Engineers at Newton, N. J. and will be furnished to prospective bidders on application.

Bids must be made on the standard proposal forms, must be enclosed in sealed envelopes, bearing name and address of bidder on the outside addressed to the Board of Chosen Freeholders, Newton, N. J. and for Items one and two must be accompanied by a certificate of a bonding company and a certified check for ten per cent of the amount bid. For items 3-4-5-6 no certificate or certified check will be required and be delivered at the place and on the hour above named.

The Board reserves the right to reject any or all bids.

BY ORDER OF THE BOARD OF CHOSEN FREEHOLDERS OF THE COUNTY OF SUSSEX

(Signed) NORMAN B. ANDERSON,
Clerk.

Bids: April 22

Road Oil

STATE OF RHODE ISLAND
STATE BOARD OF PUBLIC ROADS
Providence, R. I.

Sealed proposals for the furnishing and applying of 250,000 gallons of Asphaltic oil or refined tar to certain sections of Rhode Island State roads will be received by the State Board of Public Roads at its office State House, Providence, R. I., until 12 o'clock noon (Eastern Standard Time) on Wednesday April 22, 1925, at which time they will be opened and read in public:

Bids must be made upon blank forms furnished by the Board.

No bids will be received unless accompanied by a certified check for the sum of $200,000, payable to the State of Rhode Island.

The Board reserves the right to reject any and all bids and to give preference to towns or cities in accordance with section 5 of chapter 97 of the General Laws.

Specifications may be obtained at the office of the State Board of Public Roads, State House, Providence, R. I., on and after Wednesday April 8, 1925, every week day (except holidays and Saturdays) between the hours of 9 A.M. and 5 P.M., Saturdays 9 A.M. to 12 M.

State Board of Public Roads
ABRAM L. ATWOOD
BENJAMIN F. ROBINSON
FRANK COLE
JOHN W. HANLEY
F. A. H. BODINGTON

Bids: April 22

Road Reconstruction

STATE OF RHODE ISLAND
STATE BOARD OF PUBLIC ROADS
Providence, R. I.

Sealed proposals for the reconstruction under the provisions of the Federal Aid Road Act, of the following section of State highway will be received by the State Board of Public Roads at its office, State House, Providence, R. I. until 12 o'clock noon, Eastern Standard Time, on Wednesday, April 22, 1925, at which time they will be opened and read in public:

Contract No. 2504, Federal Aid Project No. 26, West Greenwich, Nooseneck Hill Road.

Beginning at Big River Bridge on the Nooseneck Hill Road and extending southerly on said road for 1.72 miles approximately, to Nooseneck Bridge, so-called.

1.72 miles Reinforced Cement Concrete Pavement 7 in. thick, 18 ft. wide.

Bids on the above contract must be made on blank forms to be furnished by the Board. No bids will be accepted unless accompanied by a certified check for the sum of $200 payable to the State of Rhode Island.

The Board reserves the right to reject any or all bids and to give preference to towns or cities in accordance with section 5 of chapter 97 of the General Laws of Rhode Island, Revision of 1923.

Plans may be examined and specifications and bidding blanks may be obtained at the office of the State Board of Public Roads, Room 10, State House, Providence, R. I., on and after Wednesday, April 8, 1925, every week day (except Saturdays and Holidays) between the hours of 9 A.M. and 5 P.M. and on Saturdays 9 A.M. and 12 M.

State Board of Public Roads
ABRAM L. ATWOOD
BENJAMIN F. ROBINSON
FRANK COLE
JOHN W. HANLEY
F. A. H. BODINGTON.

Bids: April 30.

Impounding Reservoir

Ashland, Pa.

Sealed proposals for the construction of a dam for water supply for the Borough of Ashland, Schuylkill County, Pa., will be received by A. B. Schadel, Secretary of the Council, until 12 o'clock noon, Thursday, April 30th, 1925, at which time they will be publicly opened and read.

The work consists of the construction of an earth fill dam with concrete core wall, 490 ft. long and 70 ft. high; an intake well and valve house; a diversion channel approximately 3,000 ft. long, and other necessary appurtenances. This dam will be built on a branch of Little Mahonoy Creek about five miles east of the Borough of Ashland and one mile west of Frackville.

The Borough reserves the right to reject any or all bids.

Copies of plans, specifications and proposal blanks may be obtained from Gannett, Seelye & Fleming, Engrs., Inc., No. 1 North Market Square, Harrisburg, Pa., upon receipt of check for $5.00.

WM. F. DETTMAN
CHAS. F. GOYNE
JOS. C. BRECKER
Water Committee, Borough of Ashland, Pa.
A. B. SCHADEL,
Secretary.

DR. J. L. HOFFMAN,
President of Council, Borough of Ashland, Pa.

GANNETT, SEELYE & FLEMING,
Engrs, Inc.
No. 1 North Market Square,
Harrisburg, Penna.

Bids: April 17.

Reinforced Concrete Suction Well

Fulton, N. Y.

Sealed proposals will be received by the Common Council of the City of Fulton, until 8 p. m. April 17, 1925 for the construction of a 50 feet diameter reinforced concrete suction well adjoining the present water works pumping station.

Specifications, form of proposal, bond and contract may be obtained at the office of the Commissioner of Public Works, Fulton, N. Y. and at the office of Hazen & Whipple, consulting Engineers, 25 West 43rd St., New York City.

Each proposal must be accompanied by a certified check made payable to the order of the City of Fulton for five per cent of the amount of the bid.

The successful bidder will be required to furnish a bond in the sum of fifty per cent of the amount of the contract price.

The Common Council reserves the right to reject any and all bids.

H. S. ANDREWS,
Commissioner of Public Wks.

Bids: April 20

Redredging

Newark, N. J.

Sealed proposals will be received from 3:00 to 3:15 P.M., on Monday, April 20th, 1925, at the office of the Director of the Department of Public Works on the second floor of the City Hall, and then publicly opened and read for:

The redredging of a section of the City of Newark Channel from the United States Government Pierhead Line to a point approximately 500 feet west of Avenue R at Port Newark Terminal.

Bids must be made upon blanks to be furnished by the Department.

Plans and specifications and proposal blanks may be obtained at the office of the Bureau of Docks, Room 205, City Hall.

Terms of proposal and surety required are fixed by the specifications.

The contract will be awarded to the lowest responsible bidder, the right being reserved to reject any and all bids, or waive informalities therein, and to award the contract for the whole or any part thereof.

By direction of the Board of Commissioners of the City of Newark.

THOMAS L. RAYMOND,
Director, Department of Public Works.

Bids: April 15.

Furnishing Cast Iron Pipe

WASHINGTON SUBURBAN SANITARY CONTRACTS
DISTRICT 48-W, 49-W & 50-W
Washington, D. C.

Sealed proposals for the contracts named below will be received at the office of the Washington Suburban Sanitary Commission, Evans Building, New York Ave., Washington, D. C., until 3 P.M., Wednesday, April 15, 1925, at which time and place they will be publicly opened and read.

Contract 48-W, Furnishing 50,000', 6" to 16" C. I. pipe.

Contract 49-W, Furnishing 1,000' of 20" and 4,000' of 24" C. I. pipe.

Contract 50-W, Furnishing 150 Tons special fittings.

Specifications obtainable from Robert B. Morse, Chief Engineer of District, Hyattsville, Md.

T. HOWARD DUCKETT,
EMORY H. BOGLEY,
J. BOND SMITH,
Commissioners.